ORDER NO. VRD0005018C2

Service Manual

Video Cassette Recorder

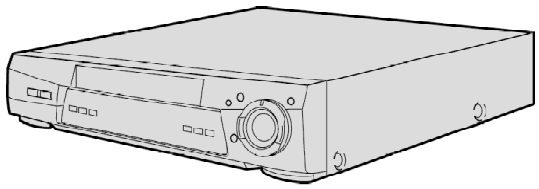
Panasonic VHS

PAL

Hi-Fi HQ

NV-FJ617EE / NV-FJ712EE / NV-FJ762EE

Z-MECHANISM



SPECIFICATIONS

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ITEM	SPECIFICATION
POWER	SOURCE: 220-240 V AC 50/60 Hz
	CONSUMPTION: 21 watts (NV-FJ617EE) 23 watts (NV-FJ712EE, FJ762EE) COMSUMPTION WHEN IN STANDBY MODE: Approx. 3W
RECORDING SYSTEM	2 rotary heads, helical scanning system
	PAL
TV TUNER SYSTEM	VHF: CHE2-CHE12 (PAL/SECAM B) CHR1-CHR12 (SECAM D) UHF: CH21-CH69 (PAL/SECAM G, SECAM K, PAL I) CATV: CHS01-CHS41 (PAL/SECAM B) 44 MHz-470 MHz (SECAM D)
RF OUT SYSTEM	UHF: CH21-CH69 (PAL/SECAM G, SECAM K, PAL I) 71 ± 3 dBμ, 75 Ω close
VIDEO	HEADS: 4 rotary heads 1 pair for recording and playback (L-R heads) 1 pair for trick play (L'-R' heads)
	INPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω terminated VIDEO IN (AV3: FRONT) Connector 1.0 Vp-p, 75 Ω terminated
	OUTPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω terminated
AUDIO	HEAD: 1 Stationary head (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
	INPUT: EURO AV (AV1, AV2) Connector (21 pin) More than -6dBV (500 mV), 10 kΩ AUDIO IN (AV3: FRONT) Connector More than -6dBV (500 mV), 10 kΩ

ITEM	SPECIFICATION
AUDIO	OUTPUT: AUDIO OUT Connector (Phono type) -6 dBV (500mV), Less than 1kΩ EURO AV (AV1, AV2) Connector (21 pin) -6 dBV (500mV), Less than 1kΩ
TAPE SPEED	SP: 23.39 mm/s LP: 11.695 mm/s EP: 7.8mm/s (NV-FJ712EE, FJ762EE) Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape EP: 12 hours with 240 min. type tape (NV-FJ712EE, FJ762EE) FF/REW Time: 60 sec. with 180 min. type tape
OPERATING TEMPERATURE	5°C - 40°C
OPERATING HUMIDITY	35% - 80%
DIMENSIONS	430 (W)×87(H)×303(D) mm (NV-FJ617EE, FJ712EE) 430 (W)×87(H)×305(D) mm (NV-FJ762EE)
WEIGHT	4.1 kg
STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. AC Mains Lead 1 pc. Infra-res Remote Controller

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

1. INTRODUCTION

This service manual contains technical information which will allow service personnel to understand and service this model.
If the circuit is changed or modified, this information will be followed by supplementary service manual to be filed with original service manual.

Note:

1. **Adjustment procedures, Disassembly Procedures and Assembly Procedures for Mechanism Chassis are separate volume from this service manual. / Please refer to the service manual for Z-Mechanism Chassis. (Order No. VRD9802005C2)**
2. **The Model No. is indicated on the Schematic Diagram and Circuit Board Diagrams as follows.**

Model No.	Indication Mark
NV-FJ617EE	(617)
NV-FJ712EE	(712)
NV-FJ762EE	(762)

2. GENERAL DESCRIPTIONS

2.1. SERVICE CAUTION-1 / (NV-FJ712EE, FJ762EE ONLY)

REPLACING IC7701, IC7703 and/or B7701

When the OSD-Microprocessor IC7701, S-RAM IC7703 and/or Back-up battery B7701 are replaced, the Tape Library data will not be available.Therefore, back up the Tape Library data first, then perform necessary servicing.

NOTE:
***The Tape Library system is achieved using not only the data of which is recorded on the tape but also the data is stored in S-RAM IC7703.**
***The stored data in S-RAM IC7703 is backed up by using the power source of: / *AC Connected :**

AC Power souse / *AC Disconnected :Back-up Battery (B7701).

NOTE:
Even if the OSD PACK CBA(VEP07A12A/B/D/E) is disconnected from the VCR, the power is still supplied from Back-up battery.

2.1.1. REPLACING PROCEDURE

2.1.1.1. PREPARATION

NOTE:
It is necessary that the Tape Library System has to operate properly.

STEP1.BACK UP THE TAPE LIBRARY DATA

1. **Connect a TV and a RF Aerial lead to the VCR and receive one of TV station.**
2. **Record the TV programme for at least 15 minuets in the SP mode (25 minuets in the EP mode) on a Cassette Tape.**

2.1.1.2. REPLACEMENT

STEP2.REPLACE THE IC7701, IC7703 AND/OR B7701

1. **Remove the C.B.A. with Mechanism unit by referring the Disassembly procedure.**
2. **Disconnect the AC plug and replace the IC7701, IC7703 and/or B7701.**

STEP3.RESTORE THE TAPE LIBRARY DATA

1. **Using the Remote controller:**
   A. Press the MENU button and then the Cursor buttons to select "Tape Library".
   B. Select "Restore data" and Press the OK button.
2. **Insert the Backed-up cassette tape into the VCR. / The restoration of Library data starts automatically. / (It takes some time to be completed.)**

3. Store the Tape Library data accordingly.

2.2. SERVICE CAUTION-2

REPLACING IC7801

When the EEPROM IC7801 is replaced, proper model code, option code and electrical adjustment data will not be available.Therefore, enter the necessary data after replacing IC7801.

2.2.1. REPLACING PROCEDURE

STEP1.REPLACEMENT

1. Disconnect the AC plug and replace the IC7801.

STEP2.INPUT THE MODEL & OPTION CODE

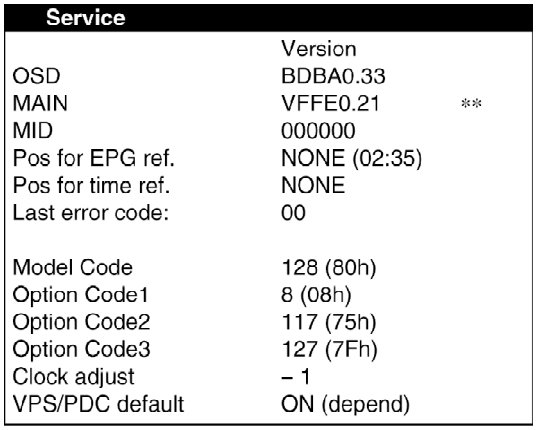
1. Set up the model code and option code by ordering the following table.

PROCEDURES	FIP Display
Turn on the Service Mode 1."Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously for more than 3 seconds.	
Activate the Service Mode 2 2."Turn the Jog dial to fully FF"*1 and press the EJECT key in twice.	
Activate the Entering Mode. 3.Press the EJECT key in more than 3 seconds.	
Set the Mode 2. 4.Press the CH UP key in twice.	
Display the Setting Code. 5.Press the POWER Button. (POWER ON)	 (Colon starts flashing)

PROCEDURES	FIP Display
Enter the Model and Option Code . **6.Set the Model and Option code by using REW, PLAY, STOP and FF keys on the Remote Controller. (See Fig.S1 & S2)**	
Exit from Service Mode. **7.Press the POWER Button. (POWER OFF)** **8. "Turn the Jog dial to fully FF" *1 and press the EJECT key simultaneously in 6 times.**	 **(Normal Indication)**

***1:NV-FJ762EE only. As for NV-FJ712EE and NV-FJ617EE, press the FF key instead of "turning the Jog dial."**

Fig.S1 Service Screen (sample)



Model No.	Model / Code	Option / Code 1	Option / Code 2	Option / Code 3
NV-FJ617EE	120	08	65	180
NV-FJ712EE	152	08	117	119
NV-FJ762EE	153	08	117	119

Fig. S2 Model Code & Option Code

NOTE:
Since all electrical adjustments data is still not available, perform the Electrical Adjustment continuously.

2.3. SERVICE INFORMATION

2.3.1. CYLINDER UNIT REPLACEMENT

1. CYLINDER UNIT REPLACEMENT

A. Remove the mechanism unit from MAIN C.B.A./Chassis by referring “SECTION 2. Disassembly Procedure”.

B. Remove the 3 screws (A) of the CYLINDER UNIT with a screw driver.

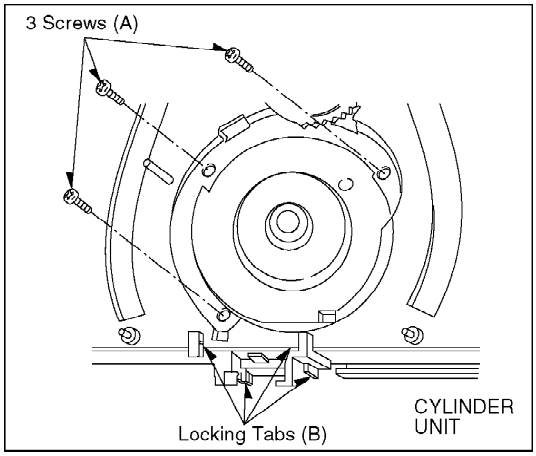
C. Unlock the 4 locking tabs (B) and disconnect the Cylinder flexible card from the FPC Holder.

D. Remove the CYLINDER UNIT.

CAUTION:

Handle the Cylinder flexible card with care. When it damaged, you should replace whole Cylinder unit.

Fig. S3



2. UPPER CYLINDER DISASSEMBLY

A. Remove 2 screws (A).

B. Remove the Cylinder Stator Unit.

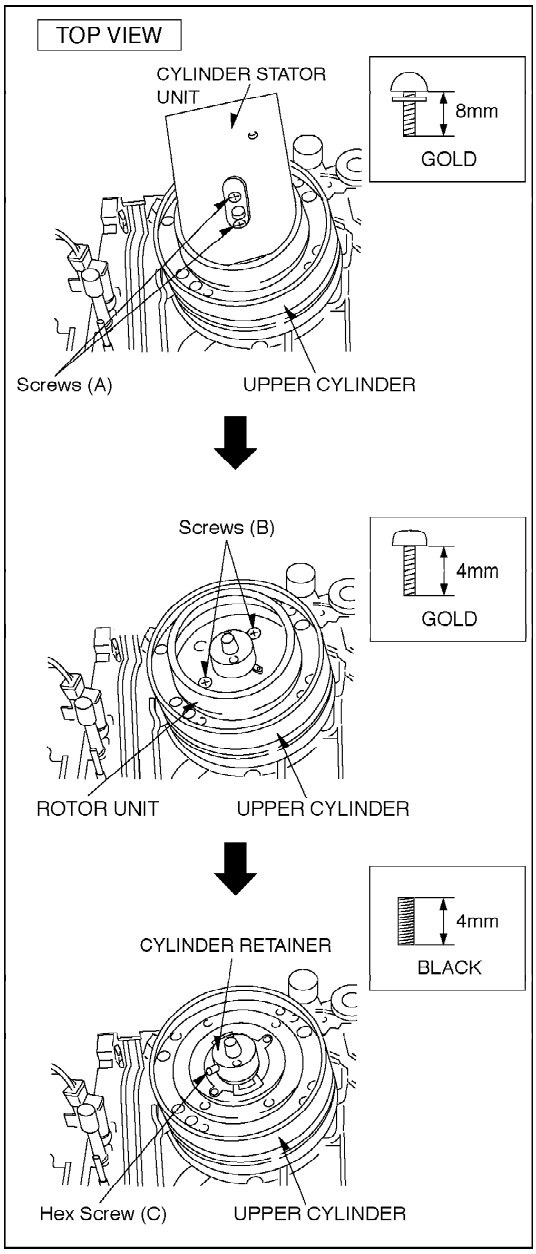
C. Remove 2 screws (B).

D. Remove the Cylinder Rotor Unit.

E. Loose Hex screw (C) (1.5 mm) and remove the CYLINDER RETAINER.

F. Remove the Upper Cylinder.

Fig. S4



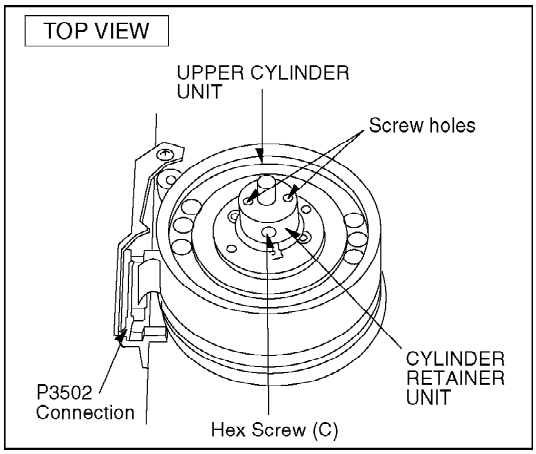
3. UPPER CYLINDER ASSEMBLY

When reassembling, perform the steps in the reverse order.

Notes:

1. **Install the Cylinder Retainer so that the 2 holes on top of the Cylinder Retainer are at right angles with the P3502 Connection.**
2. **Tighten the Hex screw (C) (1.5 mm) while pressing down on top of the Cylinder Retainer.**

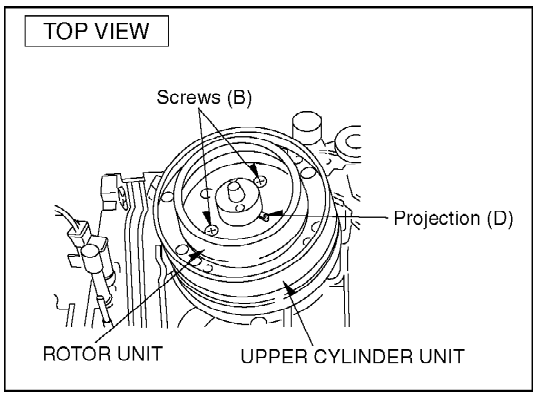
Fig. S5



3. Install the Cylinder Rotor Unit so that the inner hole of the Cylinder Rotor Unit fits to the small projection (D) on top of the Upper Cylinder.

4. Tighten 2 screws (B).

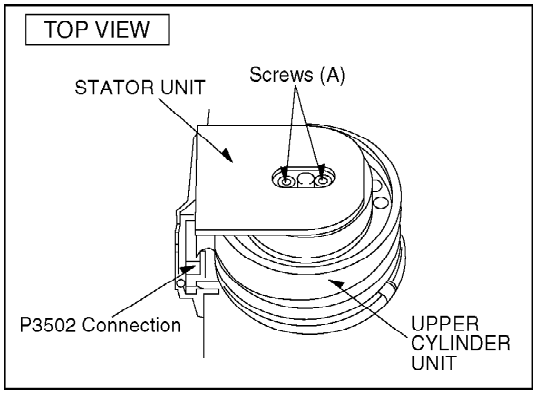
Fig. S6



5. install the Cylinder Stator Unit.

6. Tighten 2 screws (A).

Fig. S7



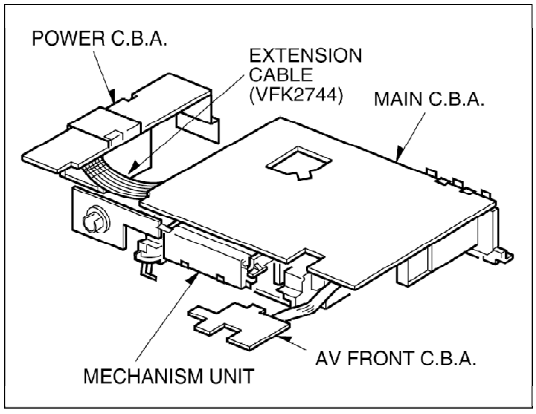
7. Confirm the PG SHIFTER ADJUSTMENT with the alignment tape

(PAL: VFJ8125H3F) and adjust it if necessary.

2.3.2. CHECKING OF MAIN C.B.A.

When servicing the MAIN C.B.A., take out the MAIN C.B.A. and mechanism from the frame and turn over.
And then connect the Extension Cable (VFK2744) between the POWER C.B.A. connector (P1103) and the MAIN C.B.A. connector (P1001) as shown in Fig. S8.

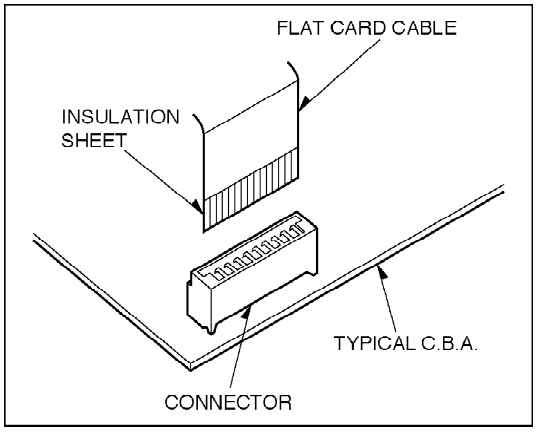
Fig. S8



2.3.3. FLAT CARD CABLE INSTALLATION

When installing the Flat Card Cable on the connector, install the Flat Card Cable with the cable contacts facing the connector contacts.

Fig. S9



2.4. REMOVAL OF CASSETTE TAPE

There are 2 ways to remove a cassette tape.

1. Service Information Display Operation

A. Turn on the Service Mode by: / (NV-FJ762EE) / Rotating the Jog dial to fully FF side and press the EJECT key simultaneously for 3 seconds. / (NV-FJ617EE and NV-FJ712EE) / Pressing the FF and the EJECT key simultaneously for 3 seconds. / Then select

the Service Mode 7 by repeating above operation in 7 times.

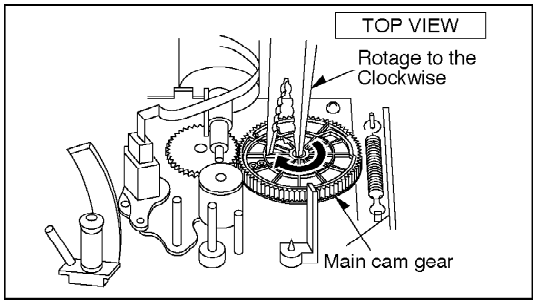
B. Press STOP key in order to rotate the Loading Motor for unloading operation. (Pay an attention of tape slack)

2. Manual Operation

A. Disconnect the AC Mains Lead and remove the Top Panel.

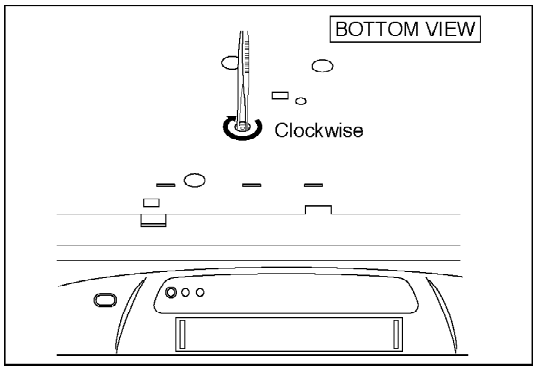
B. Rotate the Main Cam Gear clockwise until the Loading Posts move to fully unloaded position as shown in Fig. S10. (Tape is remaining)

Fig. S10



C. Rotate the Capstan Motor clockwise from the bottom side to take up the tape.

Fig. S11



D. Rotate the Main Cam Gear clockwise until the cassette tape is ejected.

2.5. INTRODUCTION OF VIDEO HEAD CLEANING CASSETTE / (POLISHING TYPE)

1. We are pleased to introduce Panasonic Video Head Cleaning Cassette, VFK0923FT [for service purposes] and VFK0923FSE [for end users] for all VHS/SVHS VCP and VCR.

2. These cleaning cassettes are exclusive removing the hard and sticky clogging on video heads.

3. These improve the efficiency of video head cleaning service and shortening cleaning time for end users.

VFK0923FT (For Service usage)	
Type of Cassette	Full VHS Cassette
Cleaning Time	10 Seconds/Time
Tape Length	20 m
Usability in a Path	180 Times

VFK0823FSE (For end users)	
Type of Cassette	Full VHS Cassette
Cleaning Time	10 Seconds/Time
Tape Length	3.34 m
Usability in a Path	30 Times

VFK0823FSE (For end users)

Note:

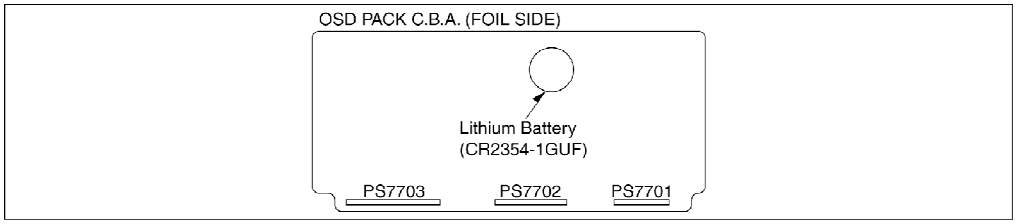
The tape material itself is the same in both types.

2.6. HOW TO REPLACE THE LITHIUM BATTERY (NV-FJ712EE, FJ762EE)

(PROCEDURE)

1. **Remove the Top Panel. (Refer to Disassembly Procedures)**
2. **Unsolder the Lithium battery "CR2354-1GUF" and then replace the new one. (See Fig. B1)**

Fig. B1



NOTE:

The lithium battery is a critical component (Type No.: CR2354-1GUF Manufactured by Panasonic.)

It must never be subjected to excessive heat or discharge.

It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacture.
They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.
Do not attempt to re-charge the old battery or re-use it for any other purpose.
It should be disposed of in waste products destined for burial rather than incineration.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the equipment manufacturer.
Discard used batteries according to manufacturer's instructions.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens instruktion.

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

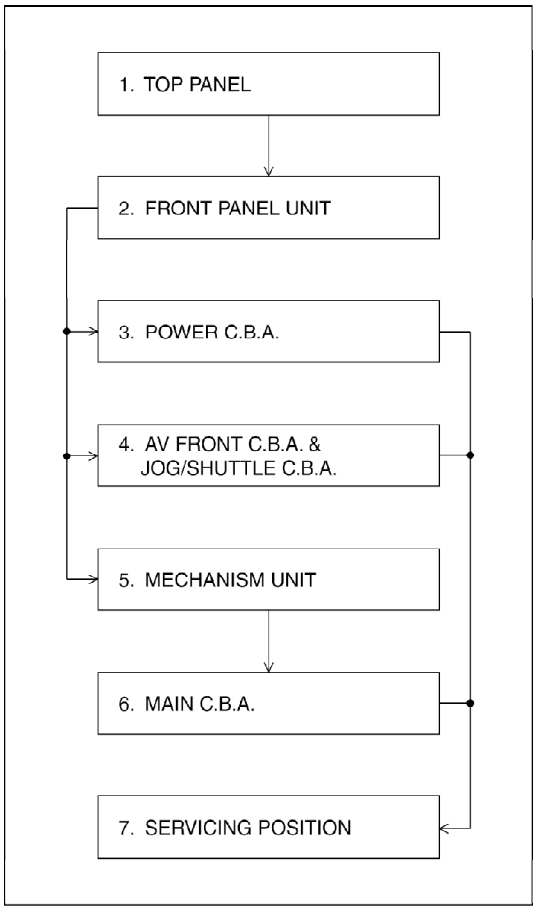
3. ADJUSTMENT PROCEDURES

3.1. DISASSEMBLY METHOD

3.1.1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing.
When reassembling, perform the steps in the reverse order.

Fig. D1

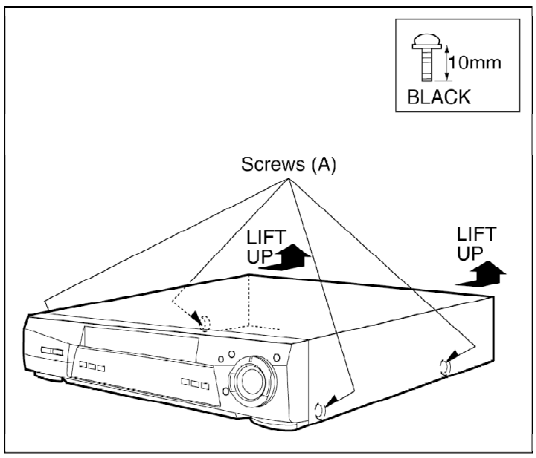


3.1.2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL

Remove	**4 Screws (A)**

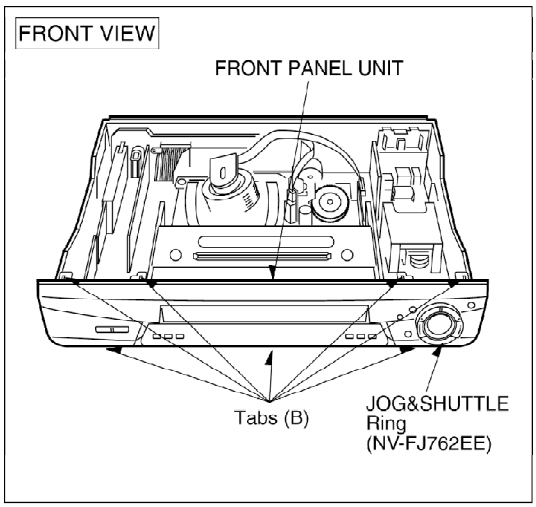
Fig.D2



2. REMOVAL OF THE FRONT PANEL UNIT

Pull out	**JOG & SHUTTLE Ring / (NV-FJ762EE)**
Unlock	**7 Tabs (B)**

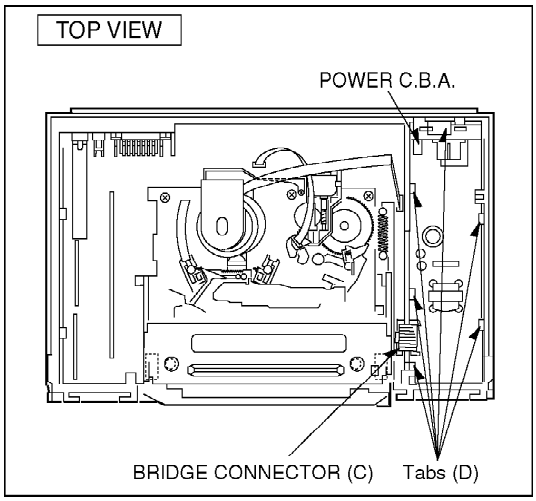
Fig. D3



3. REMOVAL OF THE POWER C.B.A.

Disconnect	**Bridge Connector (C)**
Unlock	**6 Tabs (D)**

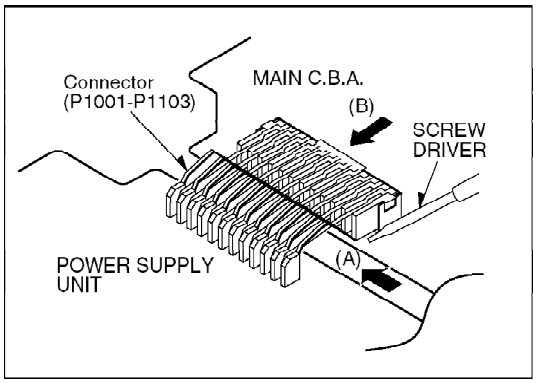
Fig. D4



COUTIONS:

Please pay an attention to disconnect the connector (P1001-P1103) which connected between Main C.B.A. and Power supply unit as shown below.

Fig. D5

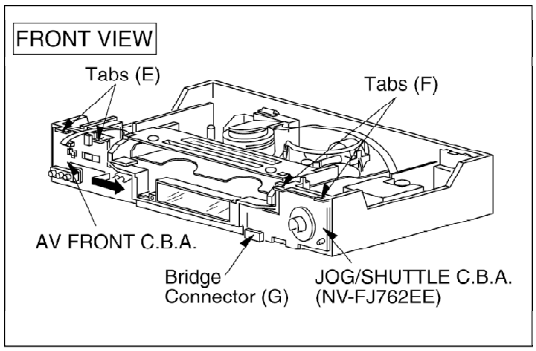


As above drawing, disconnect the connector by SCREW DRIVER from the direction (A). / Do not disconnect from direction (B) because it is possibility to damage the parts located by the connector.

4. REMOVAL OF THE AV FRONT C.B.A. & JOG SHUTTLE C.B.A.

REMOVAL OF THE AV FRONT C.B.A.	
Unlock	2 Tabs (E)
REMOVEL OF THE JOG/SHUTTLE C.B.A. / (NV-FJ762EE)	
Unlock	2 Tabs (F)
Disconnect	Bridge Connector (G)

Fig. D6



5. REMOVAL OF THE MECHANISM UNIT

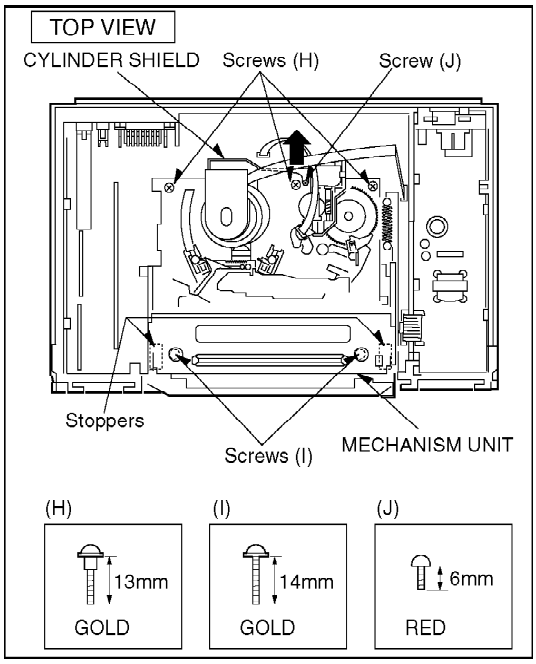
Remove	3 Screws (H)
Remove	2 Screws (I)
Remove	Screw (J)

Note:

1. Keep pressing 2 stoppers on Cassette Holder Plate and Press Cassette Holder Plate to the rear.

2. Remove the Mechanism Unit after bend the Cylinder Shield in the direction of the arrow.

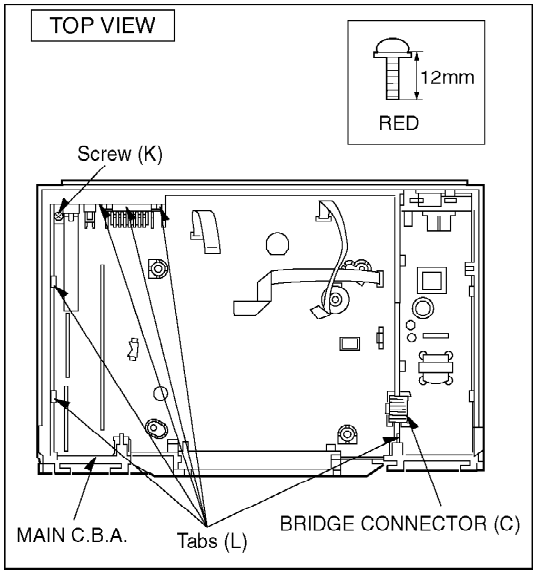
Fig. D7



6. REMOVAL OF THE MAIN C.B.A.

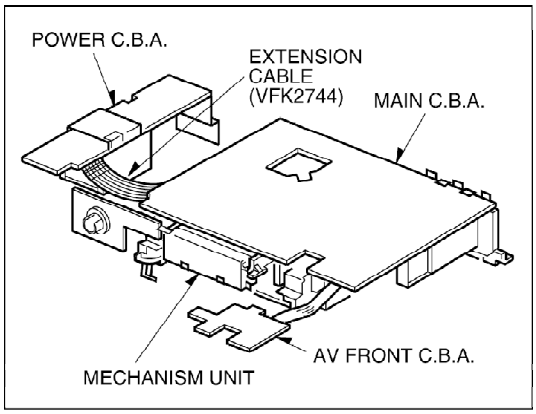
Disconnect	**Bridge Connector (C)**
Remove	**Screw (K)**
Unlock	**7 Tabs (L)**

Fig. D8



7. SERVICING POSITION

Fig. D9



3.2. MECHANICAL ADJUSTMENT PROCEDURES

Refer to the Service Manual for Z-Mechanism Chassis. / (Order No. VRD9802005C2)

3.3. ELECTRICAL ADJUSTMENT PROCEDURES

3.3.1. TEST EQUIPMENT

The following equipments are required for Electrical Adjustments.

1. Dual-Trace Oscilloscope
   - Voltage Range: 0.005-5V/div
   - Frequency Range: DC-35MHz
   - Probes: 10:1 / 1:1
2. Frequency Counter
   - Frequency Range: 0-10MHz
   - Probes: 1:1
3. Universal Counter
4. Digital Volt Meter (D.V.M.)
5. Video Sweep Generator
6. Sinewave Generator
7. Video Pattern Generator
8. Monitor TV
9. DC Power Supply
10. VHS Blank Tape
11. VHS Alignment Tape

- Parts No.: VFJ8125H3F(PAL)

3.3.2. VCR SETTING

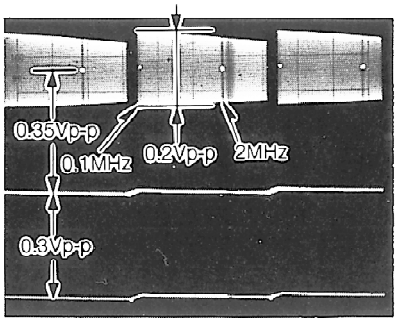
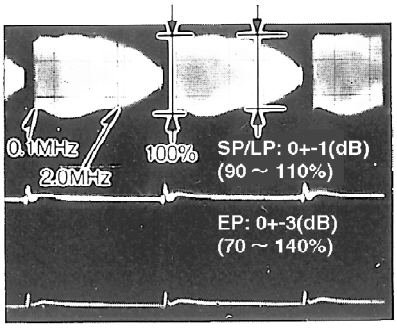
When no indication in the procedure, set each selector as follows.

1. TAPE SPEED: SP

2. CHANNEL: AV1/AV2/AV3
(Set to signal input terminal number)

3.3.3. ADJUSTMENTS

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.
PG SHIFTER / ADJUSTMENT	---	---	PLABACK	---	ALIGNMENT TAPE / (PAL)	---
AI FUNCTION / ADJUSTMENT	---	---	PLAYBACK / (SELF-REC)	PAL / COLOUR / BAR	BLANK / TAPE	---
VIDEO / FREQUENCY / RESPONSE / ADJUSTMENT	VIDEO OUT	---	SP/LP / PLAYBACK / (SELF-REC)	VIDEO / SWEEP / (See Fig. E1)	BLANK TAPE	OSCILLO / SCOPE/ / VIDEO SWEEP GENERATOR
VXO / FREE-RUN FREQUENCY ADJUSTMENT (NV-FJ712EE, FJ762EE)	TL7711	VC7701	STOP	...	NO	FREQ. COUNTER

Fig. E1	Fig. E2
	
CONDITION: BURST SIGNAL OFF / 75 ohm TERMINATED	

3.3.4. PG SHIFTER ADJUSTMENT / (AUTOMATIC)

Fig. E3

PROCEDURES	FIP Display
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously for 3 seconds.	
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously twice.	
Press the EJECT key for 3 seconds.	
Press the CH UP key once.	
Insert the Alignment Tape. (PAL: VFJ81215H3F)	
This adjustment is automatically started. / (During the adjustment, the picture will be appeared on the monitor.)	
When this Adjustment is terminated, the following operation will be activated. -Adjustment completed: The tape will be ejected. -Adjustment incompleted: "F2*" is indicated on the FIP.Check the Servo/ System Control circuit and Cylinder Unit.	
To release Service Mode, "Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously 6 times until the normal indication on the FIP.	

NOTE:

***1 NV-FJ762EE only. As for NV-FJ712EE and NV-FJ617EE, press the FF key instead of “turning the Jog dial”.**

3.3.5. AI FUNCTION ADJUSTMENT / (AUTOMATIC)

Fig. E4

PROCEDURES	FIP Display
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously for 3 seconds.	
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously twice.	
Press the EJECT key for 3 seconds.	
Press the CH UP key 3 times.	
Insert the Blank Tape. /	
This adjustment is automatically started. /	
When this Adjustment is terminated, the following operation will be activated. **-Adjustment completed: The VCR goes to STOP Mode.**	
To release Service Mode, "Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously 6 times until the normal indication on the FIP.	

NOTE:
***1 NV-FJ762EE only. As for NV-FJ712EE and NV-FJ617EE, press the FF key instead of “turning the Jog dial”.**

3.3.6. VIDEO FREQUENCY RESPONSE ADJUSTMENT

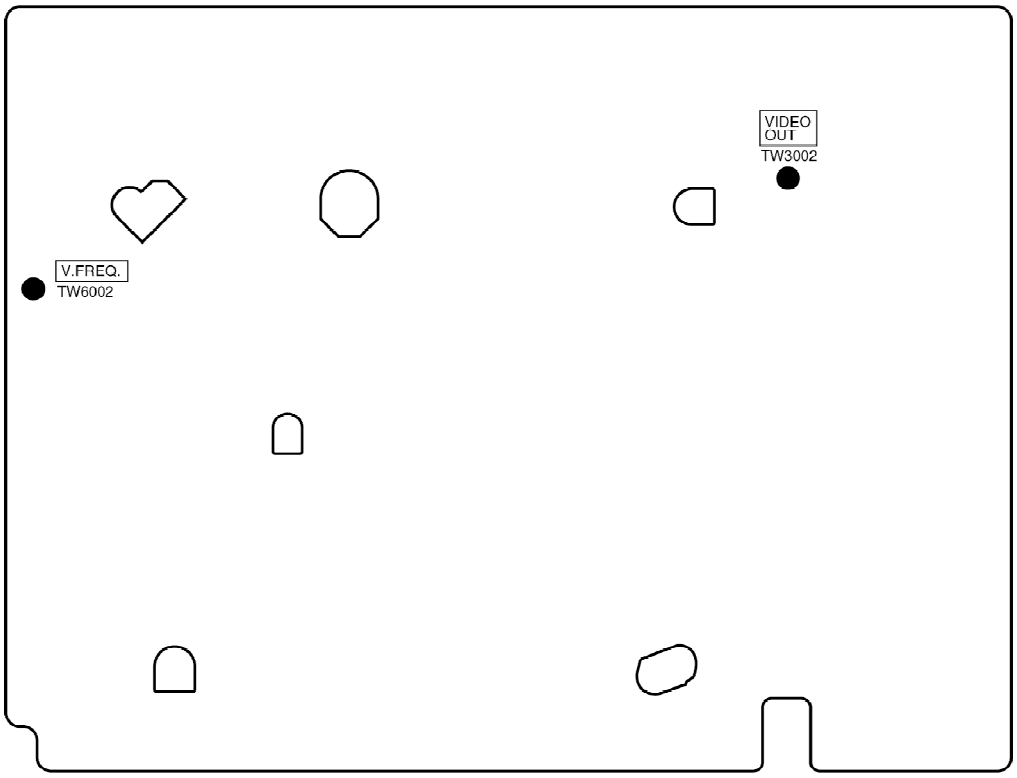
Fig. E5

PROCEDURES	FIP Display
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously for 3 seconds.	
"Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously twice.	
Press the EJECT key for 3 seconds.	
Press the CH UP and/or CH DOWN key until “11” is displayed on the FIP.	
Insert the Self-recorded tape and playback it.	
Connect the Oscilloscope to: *CH1....Video Out. (TW3002). *CH2....V.FREQ. (TW6002).	
Press the “4” key on the Remote Controller. (Confirm that TW6002 becomes high (5V).)	
Adjust the Frequency response by pressing the “2” (increase) and/or “8” (decrease) key on the Remote Controller.	
Store the Adjusted value by pressing “5” key on the Remote Controller.	
To release Service Mode, "Turn the Jog dial to fully FF"*1 and press the EJECT key simultaneously 6 times until the normal indication on the FIP.	

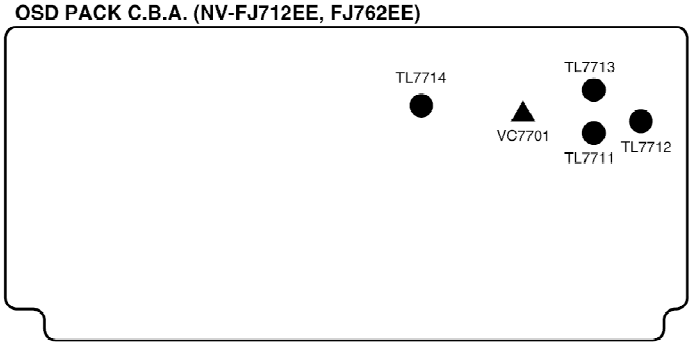
NOTE:
***1 NV-FJ762EE only. As for NV-FJ712EE and NV-FJ617EE, press the FF key instead of “turning the Jog dial”.**

3.3.7. LOCATION OF TEST POINTS & CONTROLS

MAIN C.B.A.

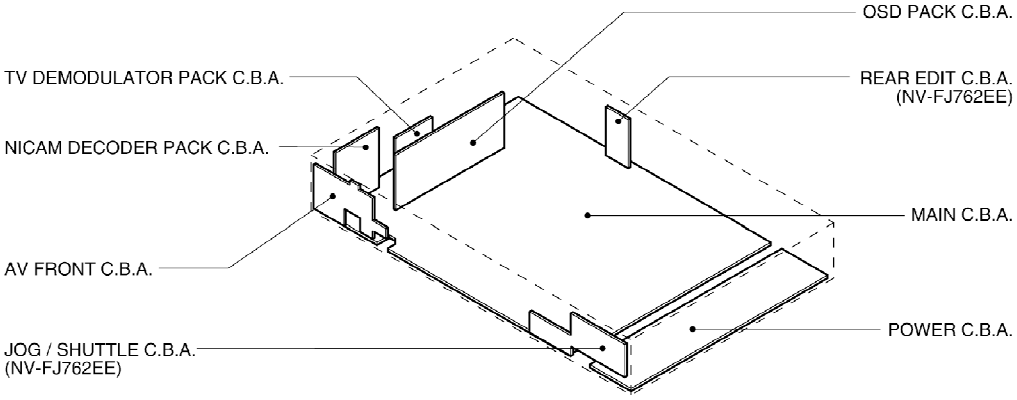


OSD PACK C.B.A. (NV-FJ712EE, FJ762EE)



(FOIL SIDE)

3.3.8. CIRCUIT BOARD LAYOUT



4. ABBREVIATIONS

5. INPUT/OUTPUT CHART

5.1. INPUT/OUTPUT CHART FOR IC6001

Fig. MP1

Fig. MP2

Fig. MP3

5.2. TRUTH TABLE

6. WAVEFORM TABLE

7. BLOCK DIAGRAMS

7.1. TIMER BLOCK DIAGRAM

7.2. SYSTEM CONTROL & SERVO BLOCK DIAGRAM

7.3. AUDIO BLOCK DIAGRAM

7.4. LUMINANCE & CHROMINANCE BLOCK DIAGRAM

8. SCHEMATIC DIAGRAMS

8.1. POWER SCHEMATIC DIAGRAM

8.2. POWER SUPPLY/RF SECTION IN MAIN SCHEMATIC DIAGRAM

8.3. TIMER SECTION IN MAIN SCHEMATIC DIAGRAM

8.4. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

8.5. LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

8.6. AV FRONT SCHEMATIC DIAGRAM

8.7. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM

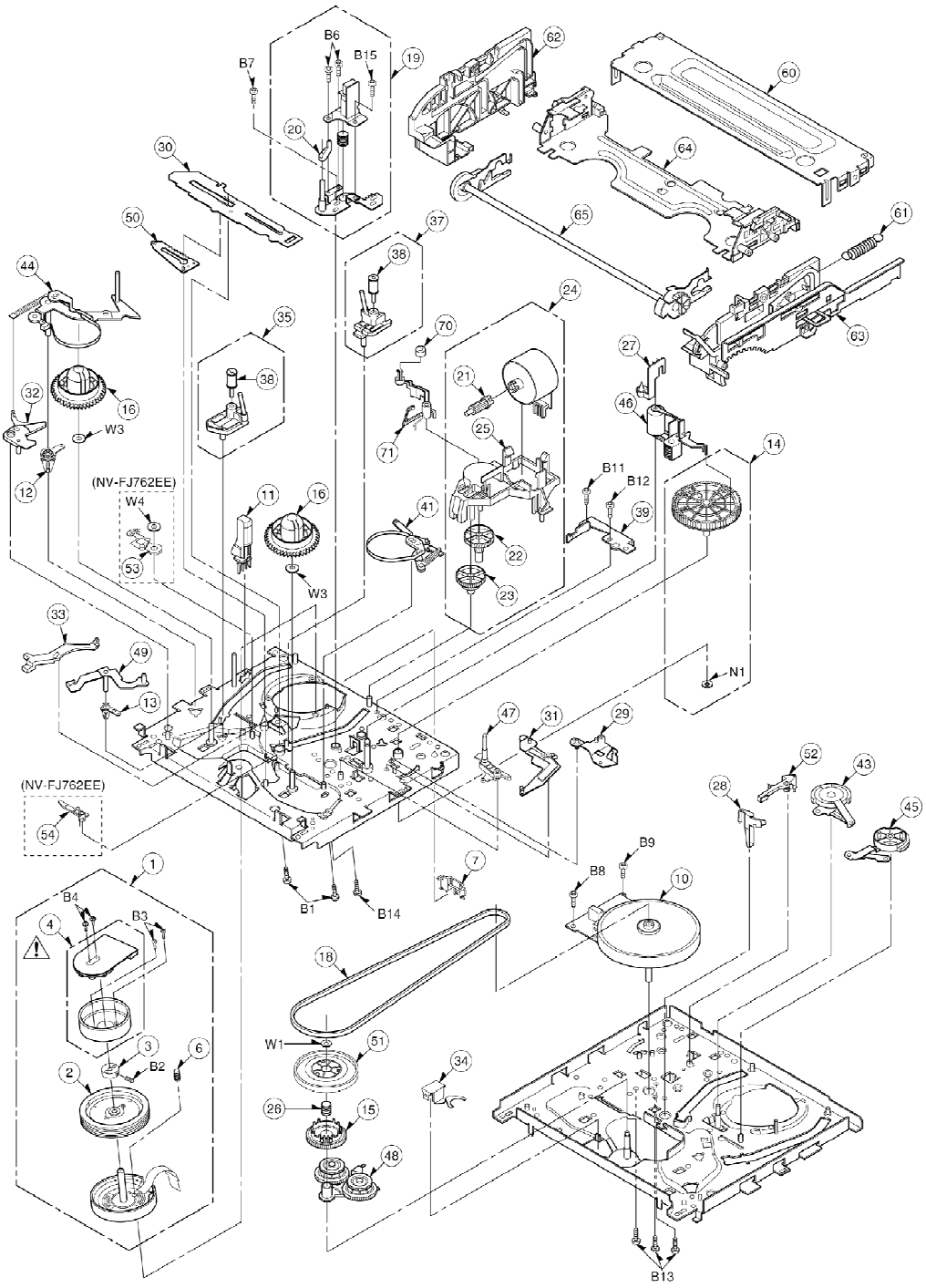
8.8. INPUT/OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM

8.9. HEAD AMP SECTION IN MAIN SCHEMATIC DIAGRAM

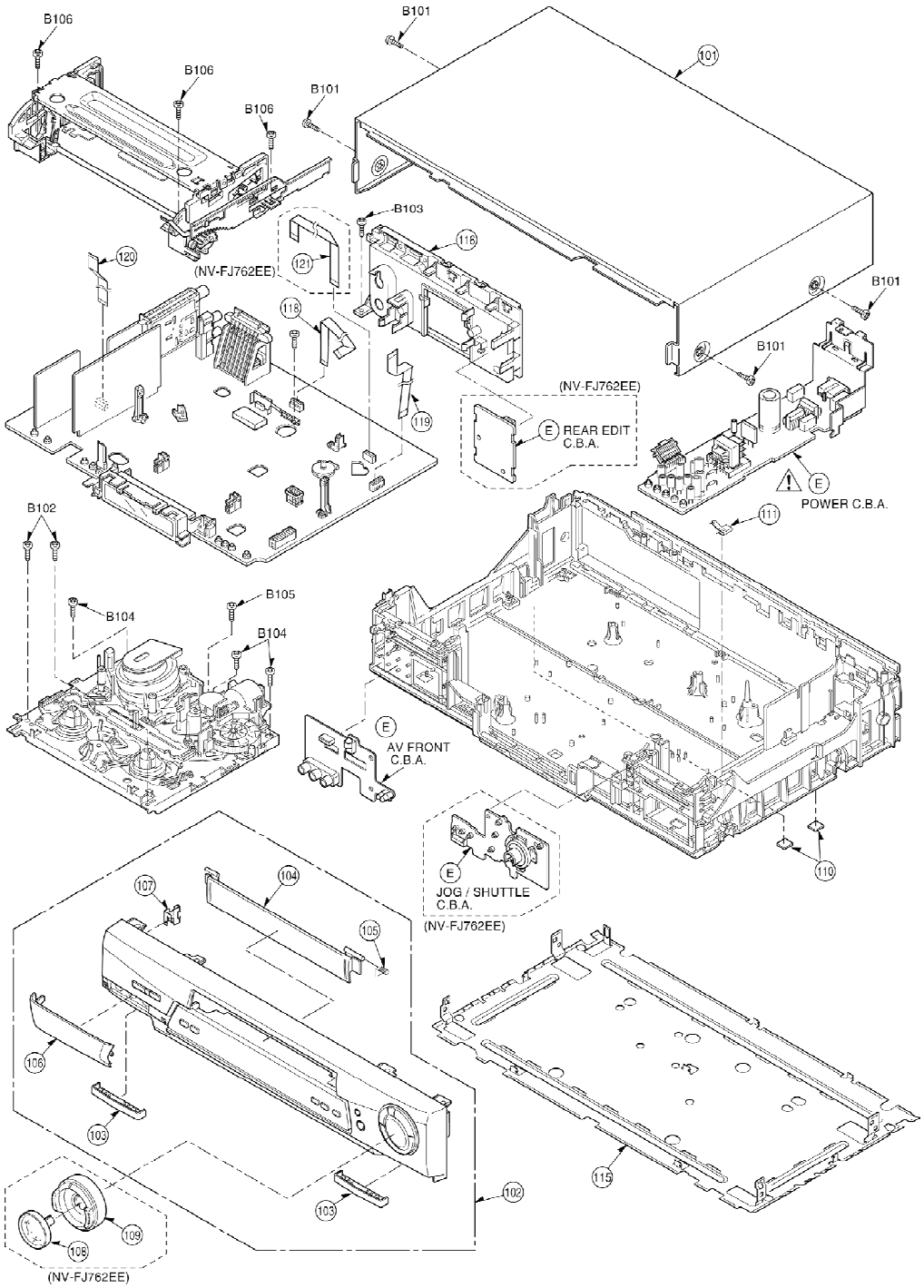
8.10. OSD PACK SCHEMATIC DIAGRAM (NV-FJ617EE)

8.11. OSD PACK SCHEMATIC DIAGRAM (NV-FJ712EE, FJ762EE)

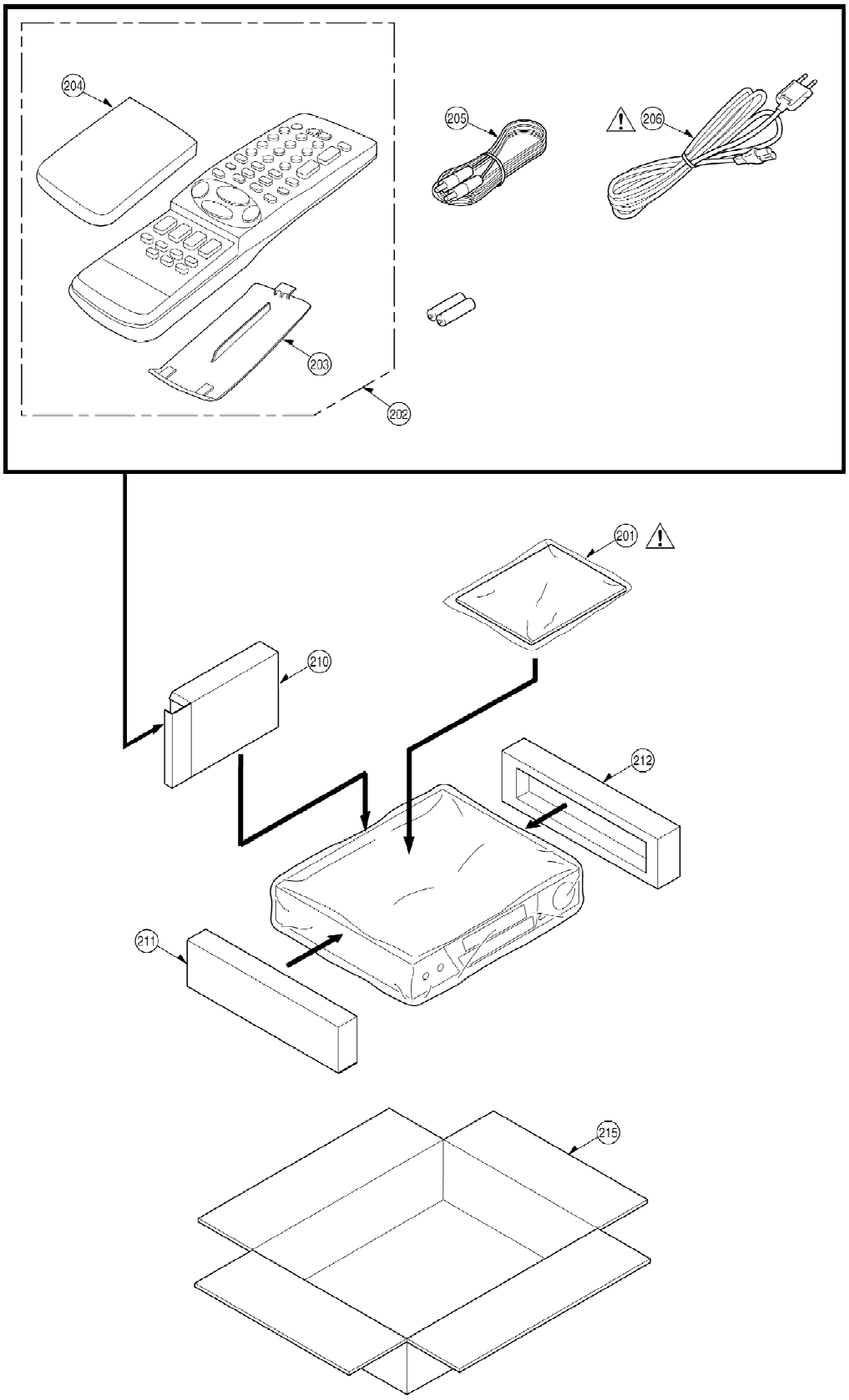
8.12. TV DEMODULATOR PACK SCHEMATIC DIAGRAM
8.13. NICAM DECODER PACK SCHEMATIC DIAGRAM
8.14. JOG/SHUTTLE SCHEMATIC DIAGRAM (NV-FJ762EE)
8.15. REAR EDIT SCHEMATIC DIAGRAM (NV-FJ762EE)
8.16. CAPSTAN UNIT SCHEMATIC DIAGRAM
9. CIRCUIT BOARD ASSEMBLIES
9.1. POWER C.B.A.
9.2. MAIN C.B.A.
9.3. AV FRONT C.B.A.
9.4. JOG/SHUTTLE C.B.A. (NV-FJ762EE)
9.5. OSD PACK C.B.A. (NV-FJ617EE)
9.6. OSD PACK C.B.A. (NV-FJ712EE,FJ762EE)
9.7. CYLINDER STATOR UNIT
9.8. TV DEMODULATOR PACK C.B.A.
9.9. NICAM DECORDER PACK C.B.A.
9.10. REAR EDIT C.B.A. (NV-FJ762EE)
10. EXPLODED VIEWS
10.1. CHASSIS PARTS SECTION



10.2. CASING PARTS SECTION



10.3. PACKING PARTS SECTION



11. REPLACEMENT PARTS LIST

11.1. CHASSIS PARTS SECTION PARTS LIST

Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1 (1)	VEG1522	CYLINDER UNIT	1	
2 (1)	VXP2001	UPPER CYLINDER UNIT	1	
3 (1)	VDB1256	CYLINDER RETAINER	1	
4 (1)	VEM0715	CYLINDER MOTOR UNIT	1	⚠
6 (1)	VXS0135	EARTH BRUSH UNIT	1	
7 (1)	VMD3795	FLAT CABLE HOLDER	1	[SUPPLIED FROM MBV]
10 (1)	VEK9069	CAPSTAN UNIT	1	[SUPPLIED FROM MBV]
11 (1)	VBS0155	FE HEAD	1	
12 (1)	VDB1431	TENSION ARM BOSS	1	
13 (1)	VDB1460	SUPPLY BRAKE ARM BOSS	1	
14 (1)	VDG1220KIT	MAIN CAM GEAR	1	
15 (1)	VDG1221	CONVERSION GEAR	1	
16 (1)	VDR0350	SUPPLY REEL TABLE	2	
18 (1)	VDV0382	CAPSTAN BELT	1	
19 (1)	VED0412	A/C HEAD UNIT	1	
20 (1)	VMX2656	P4 CAP	1	
21 (1)	VDG1217	WORM GEAR	1	
22 (1)	VDG1218	WORM WHEEL GEAR	1	
23 (1)	VDG1219	CENTRE GEAR	1	
24 (1)	VEM0604	LOADING MOTOR UNIT	1	
25 (1)	VMD2619	MOTOR BRACKET	1	
26 (1)	VMB3045	CONVERSION GEAR SPRING	1	
27 (1)	VMD2620	OPENER PIECE	1	
28 (1)	VMD2738	LED PRISM	1	
29 (1)	VML3165	DRIVE RACK ARM	1	
30 (1)	VML3166	MAIN LEVER	1	
31 (1)	VML3167	DRIVE MAIN LEVER ARM	1	
32 (1)	VML3172	SUPPLY SPRING ARM	1	
33 (1)	VML3176	CONVERSION LEVER A	1	
34 (1)	VML3177	CONVERSION LEVER B	1	
35 (1)	VXA6040	INCLINED BASE (S) UNIT	1	
37 (1)	VXA5854	INCLINED BASE (T) UNIT	1	
38 (1)	VXP1840	ROLLER POST	2	
39 (1)	VMA9672	SUPPORT ANGLE	1	
41 (1)	VXL2667	TAKE UP BRAKE ARM UNIT	1	
43 (1)	VXL2670	TAKE UP LOADING ARM UNIT	1	
44 (1)	VXL2798	TENSION ARM UNIT	1	
45 (1)	VXL2672	SUPPLY LOADING ARM UNIT	1	
46 (1)	VXL2785	PINCH ARM UNIT	1	
47 (1)	VXL2996	P5 ARM UNIT	1	
48 (1)	VXL2792	IDLER ARM UNIT	1	
49 (1)	VXL2733	SUPPLY BRAKE ARM UNIT	1	
50 (1)	VXL2747	LOADING RACK UNIT	1	
51 (1)	VXP2035	CENTRE CLUTCH UNIT	1	NV-FJ617EE-S
				NV-FJ712EE-S
51 (1)	VXP2022	CENTRE CLUTCH UNIT	1	NV-FJ762EE-S
52 (1)	VXZ0430	SS BRAKE ARM UNIT	1	
53 (1)	VXL2783	REV ARM UNIT	1	NV-FJ762EE-S

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
54 (1)	VML3276	IDLER POSITIONING ARM	1	NV-FJ762EE-S
60 (1)	VMA9516	TOP PLATE	1	
61 (1)	VMB3047	CONNECTION SPRING	1	
62 (1)	VMD3379	SIDE PLATE (L)	1	
63 (1)	VXA6607	SIDE PLATE (R) UNIT	1	
64 (1)	VXA5746	CASSETTE HOLDER UNIT	1	
65 (1)	VXP1730	MAIN SHAFT UNIT	1	
70 (1)	VDP1668-K	CLEANER ROLLER	1	
71 (1)	VML3164	CLEANER ARM	1	
B1 (1)	VHD1117	SCREW	2	
B2 (1)	VHD0842	SCREW	1	
B3 (1)	VHD0843	SCREW	2	
B4 (1)	VHD0844	SCREW	2	
B6 (1)	VHD1066	SCREW	2	
B7 (1)	VHD1044	SCREW	1	
B8 (1)	VHD1060	SCREW	1	
B9 (1)	VHD1071	SCREW	1	
B11 (1)	XTS26+6F	SCREW	1	
B12 (1)	XTN26+6F	SCREW	1	
B13 (1)	XTN26+7J	SCREW	3	
B14 (1)	VHD1095	SCREW	1	
B15 (1)	VHD1185	SCREW	1	
N1 (1)	VHN0311	PUSH NUT	1	
W1 (1)	VMX2208	WASHER	1	
W3 (1)	VMX3022	WASHER	2	
W4 (1)	VMX2699	WASHER	1	NV-FJ762EE-S

11.2. CASING PARTS SECTION PARTS LIST

Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
101 (2)	VGM1556	TOP PANEL	1	[SUPPLIED FROM MBV]
102 (2)	VYP7606	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-FJ617EE-S
102 (2)	VYP7611	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-FJ712EE-S
102 (2)	VYP7616	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-FJ762EE-S
103 (2)	VKA0191	LEG	2	
104 (2)	VKF3011	BLINDER PANEL	1	[SUPPLIED FROM MBV]
105 (2)	VMB2521	BLINDER SPRING	1	
106 (2)	VKF3211	DOOR	1	[SUPPLIED FROM MBV]
107 (2)	VMC1289	JACK EARTH SPRING	1	
108 (2)	VGU8372	JOG DIAL	1	[SUPPLIED FROM MBV]
				NV-FJ762EE-S
109 (2)	VXU1557	SHUTTLE RING	1	[SUPPLIED FROM MBV]
				NV-FJ762EE-S
110 (2)	RKA0072	FOOT	2	
111 (2)	VMC1065	EARTH SPRING	1	
115 (2)	VKU0519	BOTTOM PLATE	1	
116 (2)	VJH1024	JACK PLATE	1	[SUPPLIED FROM MBV]
				NV-FJ617EE-S
				NV-FJ712EE-S
116 (2)	VJH1026	JACK PLATE	1	[SUPPLIED FROM MBV]
				NV-FJ762EE-S
118 (2)	VWJ1281	FLAT CARD CABLE (6P)	1	[SUPPLIED FROM MBV]
				P4003-A/C HEAD
119 (2)	VWJ1282	FLAT CARD CABLE (9P)	1	[SUPPLIED FROM MBV]
				P2502-P2901
120 (2)	VWJ1279	FLAT CARD CABLE (8P)	1	[SUPPLIED FROM MBV]
				P7502-P6501
121 (2)	VWJ1396	FLAT CARD CABLE (7P)	1	[SUPPLIED FROM MBV]
				P6001-P6401
				NV-FJ762EE-S
B101 (2)	XTW3+10TFC	SCREW	4	
B102 (2)	VHD0168	SCREW	2	
B103 (2)	VHD0773	SCREW	1	
B104 (2)	VHD1065	SCREW	3	
B105 (2)	XTV26+6FR	SCREW	1	
B106 (2)	XTV26+8FR	SCREW	3	

11.3. PACKING PARTS SECTION PARTS LIST

Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
201 (3)	VQT8565	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(ENGLISH/POLISH)		NV-FJ617EE-S
201 (3)	VQT8566	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(CZECH/HUNGARIAN)		NV-FJ617EE-S
201 (3)	VQT8581	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(ENGLISH/POLISH)		NV-FJ712EE-S
201 (3)	VQT8582	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(CZECH/HUNGARIAN)		NV-FJ712EE-S
201 (3)	VQT8596	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(ENGLISH/POLISH)		NV-FJ762EE-S
201 (3)	VQT8597	OPERATING INSTRUCTIONS	1	⚠[SUPPLIED FROM MBV]
		(CZECH/HUNGARIAN)		NV-FJ762EE-S
202 (3)	EUR571742	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV]
				NV-FJ617EE-S
202 (3)	EUR571750	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV]
				NV-FJ712EE-S
				NV-FJ762EE-S
203 (3)	UR57EC679F	BATTERY COVER	1	[SUPPLIED FROM MBV]
204 (3)	UR57CV680C	DOOR PANEL	1	[SUPPLIED FROM MBV]
205 (3)	VJA0728	DIN RF CABLE	1	[SUPPLIED FROM MBV]
206 (3)	VJA1059	AC CORD	1	⚠
210 (3)	VPK2246	ACCESSORIES PACKING	1	[SUPPLIED FROM MBV]
211 (3)	VPN5340	CUSHION (L)	1	[SUPPLIED FROM MBV]
212 (3)	VPN5341	CUSHION (R)	1	[SUPPLIED FROM MBV]
215 (3)	VPG0C81	PACKING	1	[SUPPLIED FROM MBV]
				NV-FJ617EE-S
215 (3)	VPG0G09	PACKING	1	[SUPPLIED FROM MBV]
				NV-FJ712EE-S
215 (3)	VPG0G08	PACKING	1	[SUPPLIED FROM MBV]
				NV-FJ762EE-S
		SERVICE FIXTURES & TOOLS		
	VFJ8125H3F	VHS ALIGNMENT TAPE (PAL)	1	
	VFK0335	RETAINING RING REMOVER	1	
		(3mm/4mm)		
	VFK0329	POST ADJUSTMENT SCREWDRIVER	1	
	VFK0326	HEX WRENCH SET	1	
	VFK0132	BACK TENSION METER	1	
	VFK27	HEAD CLEANING STICK	1	
	VFK1024	MOLYTONE GREASE	1	
	VFK0330	FINE ADJUSTMENT GEAR DRIVER	1	
	VFK2744	16P EXTENSION CABLE	1	MAIN - POWER
	VFK1301	SILICONE GREASE	1	

11.4. ELECTRICAL REPLACEMENT PARTS LIST

Note: 1. Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE: Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
3. Unless otherwise specified,
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICROFARADS (uf), P=uuF.
4. The P.C. Board units marked width "■" show below the main assembled parts.
5. The marking (RTL) indicaters the retention time is limited for this item.
After the discontinuation of this assembly in production, it will no longer be available.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
		MAIN C.B.A.		
■	VEP06D70C	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ617EE-S
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP07A12J
				VEP07A18D
				VEP07A31D
■	VEP06D70F	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ712EE-S
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP07A12D
				VEP07A18D
				VEP07A31D
■	VEP06D70J	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ762EE-S
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP07A12A
				VEP07A18D
				VEP07A31D
		OSD C.B.A.		
■	VEP07A12J	OSD C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ617EE-S
				INCLUDED IN MAIN C.B.A.
				(VEP06D70C).
■	VEP07A12D	OSD C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ712EE-S
				INCLUDED IN MAIN C.B.A.
				(VEP06D70F).
■	VEP07A12A	OSD C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ762EE-S
				INCLUDED IN MAIN C.B.A.
				(VEP06D70J).

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
		NICAM DECODER PACK C.B.A.		
■	VEP07A18D	NICAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06D70C/F/J).
		TV DEMODULATOR PACK C.B.A		
■	VEP07A31D	TV DEMODULATOR PACK C.B.A	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06D70C/F/J).
		POWER C.B.A.		
■	VEP01826Z	POWER C.B.A.	1	⚠[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ617EE-S
■	VEP01826H	POWER C.B.A.	1	⚠[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ712EE-S
■	VEP01826X	POWER C.B.A.	1	⚠[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ762EE-S
		AV FRONT C.B.A.		
■	VEP07992C	AV FRONT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
		JOG C.B.A.		
■	VEP06C47A	JOG C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ762EE-S
		REAR EDIT C.B.A.		
■	VEP06C48A	REAR EDIT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-FJ762EE-S
		CYLINDER STATOR C.B.A.		
■	----------	CYLINDER STATOR C.B.A.	1	INCLUDED IN
				CYLINDER MOTOR UNIT
				(VEM0715).
		CAPSTAN DRIVE C.B.A.		

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	----------	CAPSTAN DRIVE C.B.A.	1	INCLUDED IN
				CAPSTAN UNIT (VEK9069).
TU7601	ENG47310G1	TUNER	1	⚠[SUPPLIED FROM MBV]
F1101	XBA2C16TH15	FUSE	1	⚠
■	VEP06D70C	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ617EE-S
C0701	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0702	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C0703	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
C0704	ECUM1E333KBN	C.CAPACITOR CH 25V 0.033U	1	
C0706	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C0707	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	
C0708	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	
C0710	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C0711	ECEA1CKA220	E.CAPACITOR 16V 22U	1	
C0712	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C0713	EEUFA1A391	E.CAPACITOR 10V 390U	1	
C0714	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0715	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C0716	ECUX1H123KBV	C.CAPACITOR CH 50V 0.012U	1	
C0717	ECUM1H330GUV	C.CAPACITOR CH 50V 33P	1	
C0719	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C0721	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C0724	ECUX1H221KBV	C.CAPACITOR CH 50V 220P	1	
C1001	ECEA1AKG220	E.CAPACITOR 10V 22U	1	
C1002	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E.CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C1006	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1007	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1008	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C1009	ECEA1AKA470	E.CAPACITOR 10V 47U	1	
C1010	ECEA1VGE470	E.CAPACITOR 35V 47U	1	
C1011	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1012	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1015	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C1016	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C1017	ECEA1HKA4R7	E.CAPACITOR 50V 4.7U	1	
C1201	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1205	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C1206	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1207	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1208	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1209	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C1501	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C2501	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C2502	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2504	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2505	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2507	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2508	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2509	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2510	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2511	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2512	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C2516	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2517	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C.CAPACITOR CH 25V 0.068U	1	
C2523	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2524	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2525	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2526	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2527	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C2535	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2536	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3002	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3003	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3004	ECEA1HKA3R3	E.CAPACITOR 50V 3.3U	1	
C3005	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3011	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3012	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3013	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3014	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C3016	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C3017	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3018	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
C3023	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3024	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C3025	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3031	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	
C3033	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3034	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3035	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3036	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3038	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3039	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3047	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3049	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C3050	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3051	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3052	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3054	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3055	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3060	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3502	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3504	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3505	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C3506	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3507	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3508	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3509	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3510	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4001	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C4006	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4010	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4011	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4012	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4013	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4015	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4016	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4017	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4018	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4019	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4020	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4021	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C4045	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C4046	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4047	ECA1CAK100X	E.CAPACITOR 16V 10U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4048	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4049	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4050	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4068	ECQV1H154JM	P.CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4071	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C4072	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C4075	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4076	ECQB1H223JF	P.CAPACITOR 50V 0.022U	1	
C4077	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4080	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4501	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4502	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4505	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4506	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4507	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4508	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4509	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4510	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4511	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4512	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4513	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4514	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4515	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4516	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4517	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4518	ECEA1HKAR22	E.CAPACITOR 50V 0.22U	1	
C4519	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4520	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4521	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4522	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4523	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C4524	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4525	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4526	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4527	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4529	ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C4530	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4531	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C4532	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C4533	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4534	ECEA0JKS331	E.CAPACITOR 6.3V 330U	1	
C4535	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4540	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4901	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4902	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4903	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4904	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4905	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4906	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4907	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4908	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4909	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4910	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4911	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4912	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4913	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4914	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4917	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4921	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4922	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4923	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4925	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4926	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4927	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4928	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4929	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4932	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4933	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4935	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4938	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4939	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4940	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4941	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6001	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C6002	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6003	ECUM1H200JCN	C.CAPACITOR CH 50V 20P	1	
C6004	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C6005	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6007	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C6011	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C6012	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6013	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C6018	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6019	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C6020	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6021	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C6022	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6023	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6024	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6025	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7302	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7304	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7305	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7306	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7307	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7308	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C7312	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7313	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7315	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7316	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7318	VCEA0JAW470	E.CAPACITOR 6.3V 47U	1	
C7319	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7320	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7324	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7325	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7341	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7342	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7501	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7509	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7517	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7518	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7519	ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C7520	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7601	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7602	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7603	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7605	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7606	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7607	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7608	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7609	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7611	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7612	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7614	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C7615	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C7618	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7619	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7620	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7621	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7622	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7622	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7623	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7624	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7625	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7626	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7627	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C7701	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7705	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7709	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7711	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7712	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7713	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7714	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7715	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7716	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7717	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7718	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7719	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7722	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7723	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7724	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7725	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7726	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7728	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7729	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7730	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C7732	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7733	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7734	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7735	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7736	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7739	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7745	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7749	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7750	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7757	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7783	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7783	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7784	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7786	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7801	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7802	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C7803	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
D0702	MA77	DIODE	1	
D1003	1SS254	DIODE	1	
D1004	MA4051N-H	DIODE	1	[SUPPLIED FROM MBV]
D1006	MA4051N-L	DIODE	1	[SUPPLIED FROM MBV]
D1009	MA4051N-M	DIODE	1	
D1010	1SS254	DIODE	1	
D1011	11ES1	DIODE	1	
D1012	11ES1	DIODE	1	
D1015	1SS254	DIODE	1	
D1016	1SS254	DIODE	1	
D1017	MA4120N-M	DIODE	1	
D1018	1SS254	DIODE	1	
D1501	SIR505S	DIODE	1	
D2502	1SS254	DIODE	1	
D2504	1SS254	DIODE	1	
D2505	1SS254	DIODE	1	
D3001	1SS254	DIODE	1	
D4001	1SS254	DIODE	1	
D4501	MA700	DIODE	1	
D4905	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D4906	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D6001	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D6003	MA700	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6004	RB441P	DIODE	1	
D7521	MA4220N-M	DIODE	1	[SUPPLIED FROM MBV]
D7601	MA4300M	DIODE	1	
D7603	1SS254	DIODE	1	
D7604	1SS254	DIODE	1	
D7701	1SS355	DIODE	1	
D7801	MA4051N-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0533-B	FIP	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA75503	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	
IC1201	UPC1093J	IC	1	
IC1501	RPI354N	IC	1	
IC1502	RPI354N	IC	1	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV3	IC	1	[SUPPLIED FROM MBV]
IC3501	AN3368SB	IC	1	
IC4001	NJM4558M	IC	1	
IC4501	TDA9605H	IC	1	[SUPPLIED FROM MBV]
IC4901	LA73021M	IC	1	[SUPPLIED FROM MBV]
IC6001	M37777VFGC	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9874AH	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	
IC7502	S80743AL	IC	1	
IC7503	RN5VD28AA	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	M306H0SFP	IC	1	[SUPPLIED FROM MBV]
IC7702	M27C4001BDBD	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBN6	IC	1	
IP1001	UNH000300A	IC PROTECTOR	1	⚠
IP1002	UNH000300A	IC PROTECTOR	1	⚠
IP1201	UNH000300A	IC PROTECTOR	1	⚠
IP1202	UNH000300A	IC PROTECTOR	1	⚠
IP7801	UNH000300A	IC PROTECTOR	1	⚠
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0707	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0709	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K2501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3510	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4005	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4006	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4011	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4914	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K4916	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6007	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7302	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7601	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7603	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7702	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K7712	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L0701	ELJNAR27JF	CHIP INDUCTOR	1	[SUPPLIED FROM MBV]
L0703	ELJNA2R2JF	CHIP INDUCTOR	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J680	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003	VLQ0599J470	COIL 47UH	1	
L3004	VLQ0599J680	COIL 68UH	1	
L3005	VLQ0599J101	COIL 100UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3007	VLQ0599J330	COIL 33UH	1	
L3008	VLQ0599J470	COIL 47UH	1	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L3501	VLQ0599J330	COIL 33UH	1	
L4001	ELELN153JA	INDUCTOR 15000UH	1	[SUPPLIED FROM MBV]
L4006	VLQ0599J680	COIL 68UH	1	
L4007	VLQ0599J680	COIL 68UH	1	
L4501	VLQ0599J100	COIL 10UH	1	
L4901	VLQ0599JR22	COIL 0.22UH	1	[SUPPLIED FROM MBV]
L4902	VLQ0599J680	COIL 68UH	1	
L4903	VLQ0599J680	COIL 68UH	1	
L4904	VLQ0599J680	COIL 68UH	1	
L6001	VLQ0599J221	COIL 220UH	1	
L7302	VLQ0599J1R0	COIL 1UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J330	COIL 33UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7604	VLQ0599J330	COIL 33UH	1	
L7608	VLQ0599J1R0	COIL 1UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7703	VLQ0822J270	COIL 27UH	1	[SUPPLIED FROM MBV]
L7704	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7706	VLQ0822J100	COIL 10UH	1	[SUPPLIED FROM MBV]
L7712	VLQ0822J101	COIL 100UH	1	[SUPPLIED FROM MBV]
LB0701	VLP0147	COIL	1	
LB3001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3002	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3502	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
LB3503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3504	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB4901	VLP0147	COIL	1	
LB4902	VLP0147	COIL	1	
LB4903	VLP0147	COIL	1	
LB4904	VLP0147	COIL	1	
LB4906	VLP0147	COIL	1	
LB4907	VLP0147	COIL	1	
LB7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7801	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
P1001	VJS3917A016W	CONNECTOR (FEMALE) 16P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3502	VJS3537A010G	CONNECTOR (FEMALE) 10P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
P7502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0826E009W	CONNECTOR (MALE) 9P	1	
PK7301 02	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B006W	CONNECTOR (MALE) 6P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PS7701	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PS7703	VJR0777B014W	CONNECTOR (MALE) 14P	1	
Q0702	2SD601A-S	TRANSISTOR	1	[SUPPLIED FROM MBV]
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD1996-S	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1010	2SD601A	TRANSISTOR	1	
Q1201	2SD1996-S	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1203	2SD601A	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4004	2SB710-R	TRANSISTOR	1	
Q4005	2SD602A-R	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4501	2SB709A	TRANSISTOR	1	
Q4901	2SB709A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4903	2SD601A	TRANSISTOR	1	
Q4904	2SD601A	TRANSISTOR	1	
Q4905	2SD1328-S	TRANSISTOR	1	
Q7501	2SB709A	TRANSISTOR	1	
Q7502	2SD1994	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7604	2SD601A	TRANSISTOR	1	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD601A	TRANSISTOR	1	
Q7703	2SD1819A	TRANSISTOR	1	
Q7704	2SD1819A	TRANSISTOR	1	
Q7705	2SD601A	TRANSISTOR	1	
Q7706	2SB709A	TRANSISTOR	1	
Q7707	2SB1218A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710	2SD601A	TRANSISTOR	1	
Q7711	2SD601A	TRANSISTOR	1	
Q7712	2SD601A	TRANSISTOR	1	
Q7719	2SD601A	TRANSISTOR	1	
Q7801	2SD1996-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2211	TRANSISTOR-RESISTOR	1	
QR1003	MUN2212	TRANSISTOR-RESISTOR	1	
QR1005	MUN2211	TRANSISTOR-RESISTOR	1	
QR3006	MUN2212	TRANSISTOR-RESISTOR	1	
QR3007	MUN2212	TRANSISTOR-RESISTOR	1	
QR3008	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4003	MUN2212	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007	MUN2212	TRANSISTOR-RESISTOR	1	
QR4008	MUN2211	TRANSISTOR-RESISTOR	1	
QR4009	UN2215	TRANSISTOR	1	
QR4010	UN2215	TRANSISTOR	1	
QR4502	UN2215	TRANSISTOR	1	
QR4503	UN2215	TRANSISTOR	1	
QR4504	UN2215	TRANSISTOR	1	
QR4505	UN2215	TRANSISTOR	1	
QR4506	MUN2113	TRANSISTOR-RESISTOR	1	
QR4508	MUN2212	TRANSISTOR-RESISTOR	1	
QR4509	MUN2211	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003	MUN2212	TRANSISTOR-RESISTOR	1	
QR6004	MUN2212	TRANSISTOR-RESISTOR	1	
QR6006	MUN2213	TRANSISTOR-RESISTOR	1	
QR6007	MUN2113	TRANSISTOR-RESISTOR	1	
R0705	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1	
R0707	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R0708	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0709	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R0711	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R0713	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0714	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R0715	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0717	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R0717	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0719	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0725	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R0726	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R0727	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0731	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0732	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R0740	ERJ3GEYG271	M.RESISTOR CH 1/16W 270	1	
R0741	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R0742	ERJ8GEYJ151	M.RESISTOR CH 1/8W 150	1	
R0745	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R1001	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1002	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1003	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1004	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1005	ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R1006	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1008	ERDS2TJ682	C.RESISTOR 1/4W 6.8K	1	
R1009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1010	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1011	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R1013	ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMYG163	M.RESISTOR CH 1/10W 16K	1	
R1015	ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R1016	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1017	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1018	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1019	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1022	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1026	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R1027	ERDS2TJ123	C.RESISTOR 1/4W 12K	1	
R1028	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R1029	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R1030	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R1201	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1202	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1203	ERJ6GMYJ623	M.RESISTOR CH 1/10W 6.2K	1	
R1204	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1205	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R1206	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R1501	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1502	ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R1503	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1504	ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1505	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1506	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2501	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R2502	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2503	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2506	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2507	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2508	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2510	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2511	ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M.RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2515	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2516	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2517	ERDS1TJ1R2	C.RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C.RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M.RESISTOR CH 1/10W 300	1	
R3004	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3006	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3007	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3008	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3012	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3013	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3020	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R3032	ER0S2CKG3900	M.RESISTOR 1/4W 390	1	
R3033	ERJ6GMYG391	M.RESISTOR CH 1/10W 390	1	
R3034	ERJ6GMYG621	M.RESISTOR CH 1/10W 620	1	[SUPPLIED FROM MBV]
R3035	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3036	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3037	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3040	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3043	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3505	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4001	ERJ6GMYG334	M.RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4004	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG241	M.RESISTOR CH 1/10W 240	1	
R4006	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4012	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4016	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4018	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4019	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4036	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4038	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4039	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4049	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4060	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4061	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4064	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4065	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4066	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4067	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4068	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4069	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4070	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4071	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4072	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R4073	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4503	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4504	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4505	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4506	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4507	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4508	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4509	ERJ6GMYK335	M.RESISTOR CH 1/10W 3.3M	1	
R4510	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4512	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4514	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4516	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4517	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4518	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4519	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4520	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4521	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4522	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4523	ERJ6RBD393	M.RESISTOR CH 1/10W 39K	1	
R4524	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4525	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4526	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4527	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4528	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4529	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4530	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4537	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4538	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4539	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4540	ERDS2TJ2R2	C.RESISTOR 1/4W 2.2	1	
R4901	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4902	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4907	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4908	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4909	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4911	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4912	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4916	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4921	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4924	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4925	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4926	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4927	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4928	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4929	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4931	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4932	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4933	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4934	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6008	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6010	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6012	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6013	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6017	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R6018	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMYK106	M.RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6027	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6031	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6035	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6036	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6037	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6038	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R6039	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R6063	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6064	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R7302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7305	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7306	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7316	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7324	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7325	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7327	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R7328	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7329	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7501	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7502	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7503	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7504	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7506	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7507	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7508	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7509	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7513	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7514	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7518	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7519	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7520	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7521	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7523	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7524	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7525	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7526	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7527	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7529	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R7530	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7531	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7532	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7535	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R7536	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7540	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7545	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R7549	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7601	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7602	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7603	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7606	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7607	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7608	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R7609	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R7610	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7612	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7613	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7620	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7622	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7623	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7701	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7703	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7707	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7708	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7709	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7710	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7711	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7712	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7713	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYG153	M.RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYG562	M.RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7718	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7719	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7721	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7722	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7723	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7724	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7727	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R7729	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R7732	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7733	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7734	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7735	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R7737	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7738	ERJ6GEYK225	M.RESISTOR CH 1/10W 2.2M	1	
R7739	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7754	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7755	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7756	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7758	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7759	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7760	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7762	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7764	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7769	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7770	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7775	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7776	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7780	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7784	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7785	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7786	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7801	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7803	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7804	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7805	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7815	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7816	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7848	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R7858	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7863	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7865	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7866	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
RX7702	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7703	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7704	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7705	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7708	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7709	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
S1501	VSS0520	MODE SELECT SWITCH	1	
S6001	VES0834	S-TAB SWITCH	1	
S7503	EVQ11L07B	SWITCH	1	
S7504	EVQ11L07B	SWITCH	1	
S7506	EVQ11L07B	SWITCH	1	
S7507	EVQ11L07B	SWITCH	1	
S7509	EVQ11L07B	SWITCH	1	
S7510	EVQ11L07B	SWITCH	1	
S7516	EVQ11L07B	SWITCH	1	
S7517	EVQ11L07B	SWITCH	1	
T0701	EQV5EC081P	TRANSFORMER	1	
T4001	EQQ7QF026P	TRANSFORMER	1	
T4002	EQQ7QF025P	TRANSFORMER	1	
TH1001	VRT0162M220	THERMISTOR	1	
TH7501	VRT0162M220	THERMISTOR	1	
TU7601	ENG47310G1	TUNER	1	⚠[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B14	V.RESISTOR	1	
X0701	VLF1430	FILTER	1	
X0702	VLF1431	FILTER	1	
X0704	VLF1497	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X6002	VSX0660	CRYSTAL OSCILLATOR	1	
X7302	VSX0953	CRYSTAL OSCILLATOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
X7701	VSX1043	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC4999	SHIELD CASE (MIDDLE)	1	[SUPPLIED FROM MBV]
	VSC4998	HA ANGLE	1	[SUPPLIED FROM MBV]
	VXQ0648	FIP HOLDER	1	
	VMP4894	SUPPORT ANGLE	1	FOR OSD C.B.A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C.B.A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C.B.A.
■	VEP06D70F	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ712EE-S
B7701	CR2354-1GUF	LITHIUM BATTERY	1	
C0701	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0702	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C0703	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
C0704	ECUM1E333KBN	C.CAPACITOR CH 25V 0.033U	1	
C0706	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C0707	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	
C0708	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	
C0710	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C0711	ECEA1CKA220	E.CAPACITOR 16V 22U	1	
C0712	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C0713	EEUFA1A391	E.CAPACITOR 10V 390U	1	
C0714	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0715	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C0716	ECUX1H123KBV	C.CAPACITOR CH 50V 0.012U	1	
C0717	ECUM1H330GUV	C.CAPACITOR CH 50V 33P	1	
C0719	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C0721	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C0724	ECUX1H221KBV	C.CAPACITOR CH 50V 220P	1	
C1001	ECEA1AKG220	E.CAPACITOR 10V 22U	1	
C1002	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E.CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C1006	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1007	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1008	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C1009	ECEA1AKA470	E.CAPACITOR 10V 47U	1	
C1010	ECEA1VGE470	E.CAPACITOR 35V 47U	1	
C1011	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1012	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1015	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C1016	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C1017	ECEA1HKA4R7	E.CAPACITOR 50V 4.7U	1	
C1201	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1205	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1206	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1207	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1208	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1209	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C1501	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C2501	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C2502	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2504	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2505	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2507	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2508	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2509	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2510	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2511	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2512	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C2516	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2517	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C.CAPACITOR CH 25V 0.068U	1	
C2523	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2524	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2525	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2526	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2527	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C2535	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2536	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3002	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3003	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3004	ECEA1HKA3R3	E.CAPACITOR 50V 3.3U	1	
C3005	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3011	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3012	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3013	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3014	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C3016	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C3017	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3018	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
C3023	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3024	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C3025	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3029	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	
C3033	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3034	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3035	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3036	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3038	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3039	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3047	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3049	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C3050	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3051	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3052	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3054	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3055	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3060	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3502	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3504	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3505	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C3506	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3507	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3508	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3509	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3510	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4001	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C4006	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4010	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4011	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4012	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4013	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4015	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4016	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4017	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4018	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4019	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4020	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4021	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C4045	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4046	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4047	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4048	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4049	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4050	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4068	ECQV1H154JM	P.CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4071	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C4072	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C4075	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4076	ECQB1H223JF	P.CAPACITOR 50V 0.022U	1	
C4077	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4080	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4501	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4502	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4505	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4506	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4507	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4508	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4509	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4510	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4511	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4512	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4513	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4514	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4515	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4516	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4517	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4518	ECEA1HKAR22	E.CAPACITOR 50V 0.22U	1	
C4519	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4520	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4521	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4522	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4523	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C4524	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4525	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4526	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4527	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4529	ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C4530	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4531	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C4532	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C4533	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4534	ECEA0JKS331	E.CAPACITOR 6.3V 330U	1	
C4535	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4538	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4539	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4540	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4901	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4902	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4903	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4904	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4905	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4906	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4907	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4908	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4909	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4910	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4911	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4912	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4913	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4914	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4917	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4921	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4922	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4923	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4925	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4926	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4927	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4928	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4929	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4932	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4933	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4935	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4938	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4939	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4940	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4941	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6001	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C6002	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6003	ECUM1H200JCN	C.CAPACITOR CH 50V 20P	1	
C6004	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C6005	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6007	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C6011	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C6012	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6013	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C6018	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6019	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C6020	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6021	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C6022	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6023	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6024	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6025	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7302	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7304	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7305	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7306	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7307	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7308	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7311	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C7312	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7313	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7315	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7318	VCEA0JAW470	E.CAPACITOR 6.3V 47U	1	
C7319	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7320	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7324	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7325	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7341	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7342	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7501	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7509	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7517	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7518	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7519	ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C7520	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7601	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7602	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7603	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7605	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7606	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7607	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7608	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7609	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7611	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7612	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7614	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C7615	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C7618	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7619	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7620	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7621	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7622	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7624	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7625	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7626	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7627	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C7701	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7703	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7704	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7705	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7706	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7708	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7709	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7710	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7711	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7712	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7713	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7714	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7715	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7716	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7717	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7718	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7719	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7720	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7721	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7722	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7723	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7724	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7725	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7728	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7729	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7730	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C7732	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7733	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7734	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7735	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7736	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7737	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7739	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7741	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7743	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7744	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7745	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7746	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7747	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7748	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7749	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7750	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7757	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7760	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C7761	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7762	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7763	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7765	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7766	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7767	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7768	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7769	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7770	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7771	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7772	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7773	ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C7774	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7775	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7776	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C7777	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7778	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7781	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C7783	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7784	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7786	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7801	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7802	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C7803	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
D0702	MA77	DIODE	1	
D1003	1SS254	DIODE	1	
D1004	MA4051N-H	DIODE	1	[SUPPLIED FROM MBV]
D1006	MA4051N-L	DIODE	1	[SUPPLIED FROM MBV]
D1009	MA4051N-M	DIODE	1	
D1010	1SS254	DIODE	1	
D1011	11ES1	DIODE	1	
D1012	11ES1	DIODE	1	
D1015	1SS254	DIODE	1	
D1016	1SS254	DIODE	1	
D1017	MA4120N-M	DIODE	1	
D1018	1SS254	DIODE	1	
D1501	SIR505S	DIODE	1	
D2502	1SS254	DIODE	1	
D2504	1SS254	DIODE	1	
D2505	1SS254	DIODE	1	
D3001	1SS254	DIODE	1	
D4001	1SS254	DIODE	1	
D4501	MA700	DIODE	1	
D4905	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D4906	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D6001	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D6003	MA700	DIODE	1	
D6004	RB441P	DIODE	1	
D7521	MA4220N-M	DIODE	1	[SUPPLIED FROM MBV]
D7601	MA4300M	DIODE	1	
D7603	1SS254	DIODE	1	
D7604	1SS254	DIODE	1	
D7701	1SS355	DIODE	1	
D7702	MA728	DIODE	1	
D7703	MA728	DIODE	1	
D7704	1SS355	DIODE	1	
D7705	1SS355	DIODE	1	
D7706	1SS355	DIODE	1	
D7801	MA4051N-M	DIODE	1	
D7802	1SS254	DIODE	1	
DL7701	ELB4Y029B	DELAY LINE	1	
DP7501	VSL0533-B	FIP	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA75503	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1201	UPC1093J	IC	1	
IC1501	RPI354N	IC	1	
IC1502	RPI354N	IC	1	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV3	IC	1	[SUPPLIED FROM MBV]
IC3501	AN3368SB	IC	1	
IC4001	NJM4558M	IC	1	
IC4501	TDA9605H	IC	1	[SUPPLIED FROM MBV]
IC4901	LA73021M	IC	1	[SUPPLIED FROM MBV]
IC6001	M37777VFGC	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9874AH	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	
IC7502	S80743AL	IC	1	
IC7503	RN5VD28AA	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	M306H0SFP	IC	1	[SUPPLIED FROM MBV]
IC7702	M27C4001BDBD	IC	1	[SUPPLIED FROM MBV]
IC7703	UPD431000AGW	IC	1	[SUPPLIED FROM MBV]
IC7704	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7705	NJM2533M	IC	1	
IC7706	M52390FP	IC	1	
IC7707	BA6138	IC	1	
IC7801	M24C16-WBN6	IC	1	
IP1001	UNH000300A	IC PROTECTOR	1	⚠
IP1002	UNH000300A	IC PROTECTOR	1	⚠
IP1201	UNH000300A	IC PROTECTOR	1	⚠
IP1202	UNH000300A	IC PROTECTOR	1	⚠
IP7801	UNH000300A	IC PROTECTOR	1	⚠
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0707	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0709	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K2501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3510	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4005	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4006	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4011	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4914	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4916	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6007	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7302	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7601	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7603	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L0701	ELJNAR27JF	CHIP INDUCTOR	1	[SUPPLIED FROM MBV]
L0703	ELJNA2R2JF	CHIP INDUCTOR	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J680	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003	VLQ0599J470	COIL 47UH	1	
L3004	VLQ0599J680	COIL 68UH	1	
L3005	VLQ0599J101	COIL 100UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3007	VLQ0599J330	COIL 33UH	1	
L3008	VLQ0599J470	COIL 47UH	1	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L3501	VLQ0599J330	COIL 33UH	1	
L4001	ELELN153JA	INDUCTOR 15000UH	1	[SUPPLIED FROM MBV]
L4006	VLQ0599J680	COIL 68UH	1	
L4007	VLQ0599J680	COIL 68UH	1	
L4501	VLQ0599J100	COIL 10UH	1	
L4901	VLQ0599JR22	COIL 0.22UH	1	[SUPPLIED FROM MBV]
L4902	VLQ0599J680	COIL 68UH	1	
L4903	VLQ0599J680	COIL 68UH	1	
L4904	VLQ0599J680	COIL 68UH	1	
L6001	VLQ0599J221	COIL 220UH	1	
L7302	VLQ0599J1R0	COIL 1UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J330	COIL 33UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7604	VLQ0599J330	COIL 33UH	1	
L7608	VLQ0599J1R0	COIL 1UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7704	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7705	VLQ0822J101	COIL 100UH	1	[SUPPLIED FROM MBV]
L7706	VLQ0822J100	COIL 10UH	1	[SUPPLIED FROM MBV]
L7710	VLQ0822J100	COIL 10UH	1	[SUPPLIED FROM MBV]
L7711	VLQ0822J330	COIL 33UH	1	[SUPPLIED FROM MBV]
L7712	VLQ0822J101	COIL 100UH	1	[SUPPLIED FROM MBV]
LB0701	VLP0147	COIL	1	
LB3001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3002	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3502	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3504	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB4901	VLP0147	COIL	1	
LB4902	VLP0147	COIL	1	
LB4903	VLP0147	COIL	1	
LB4904	VLP0147	COIL	1	
LB4906	VLP0147	COIL	1	
LB4907	VLP0147	COIL	1	
LB7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7801	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
P1001	VJS3917A016W	CONNECTOR (FEMALE) 16P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3502	VJS3537A010G	CONNECTOR (FEMALE) 10P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
P7502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0826E009W	CONNECTOR (MALE) 9P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B006W	CONNECTOR (MALE) 6P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PS7701	VJR0777B011W	CONNECTOR (MALE) 11P	1	
PS7702	VJR0777B004W	CONNECTOR (MALE) 4P	1	
PS7703	VJR0777B014W	CONNECTOR (MALE) 14P	1	
Q0702	2SD601A-S	TRANSISTOR	1	[SUPPLIED FROM MBV]
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD1996-S	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1010	2SD601A	TRANSISTOR	1	
Q1201	2SD1996-S	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1203	2SD601A	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4004	2SB710-R	TRANSISTOR	1	
Q4005	2SD602A-R	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4501	2SB709A	TRANSISTOR	1	
Q4901	2SB709A	TRANSISTOR	1	
Q4903	2SD601A	TRANSISTOR	1	
Q4904	2SD601A	TRANSISTOR	1	
Q4905	2SD1328-S	TRANSISTOR	1	
Q7501	2SB709A	TRANSISTOR	1	
Q7502	2SD1994	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7604	2SD601A	TRANSISTOR	1	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD601A	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7702	2SB709A	TRANSISTOR	1	
Q7703	2SD1819A	TRANSISTOR	1	
Q7704	2SD1819A	TRANSISTOR	1	
Q7706	2SB709A	TRANSISTOR	1	
Q7708	2SB709A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710	2SD601A	TRANSISTOR	1	
Q7711	2SD601A	TRANSISTOR	1	
Q7712	2SD601A	TRANSISTOR	1	
Q7713	2SD601A	TRANSISTOR	1	
Q7715	2SD601A	TRANSISTOR	1	
Q7720	2SB709A	TRANSISTOR	1	
Q7801	2SD1996-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2211	TRANSISTOR-RESISTOR	1	
QR1003	MUN2212	TRANSISTOR-RESISTOR	1	
QR1005	MUN2211	TRANSISTOR-RESISTOR	1	
QR3006	MUN2212	TRANSISTOR-RESISTOR	1	
QR3007	MUN2212	TRANSISTOR-RESISTOR	1	
QR3008	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4003	MUN2212	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007	MUN2212	TRANSISTOR-RESISTOR	1	
QR4008	MUN2211	TRANSISTOR-RESISTOR	1	
QR4009	UN2215	TRANSISTOR	1	
QR4010	UN2215	TRANSISTOR	1	
QR4502	UN2215	TRANSISTOR	1	
QR4503	UN2215	TRANSISTOR	1	
QR4504	UN2215	TRANSISTOR	1	
QR4505	UN2215	TRANSISTOR	1	
QR4506	MUN2113	TRANSISTOR-RESISTOR	1	
QR4507	XN6116	TRANSISTOR	1	[SUPPLIED FROM MBV]
QR4508	MUN2212	TRANSISTOR-RESISTOR	1	
QR4509	MUN2211	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003	MUN2212	TRANSISTOR-RESISTOR	1	
QR6004	MUN2212	TRANSISTOR-RESISTOR	1	
QR6006	MUN2213	TRANSISTOR-RESISTOR	1	
QR6007	MUN2113	TRANSISTOR-RESISTOR	1	
QR7710	MUN2211	TRANSISTOR-RESISTOR	1	
QR7711	UN2110	TRANSISTOR	1	
QR7712	UN521L	TRANSISTOR-RESISTOR	1	[SUPPLIED FROM MBV]
QR7713	UN2116	TRANSISTOR	1	
R0705	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1	
R0707	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R0708	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0709	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R0711	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0713	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0714	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R0715	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0717	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R0717	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0719	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0725	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R0726	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R0727	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0731	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0732	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R0740	ERJ3GEYG271	M.RESISTOR CH 1/16W 270	1	
R0741	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R0742	ERJ8GEYJ151	M.RESISTOR CH 1/8W 150	1	
R0745	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R1001	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1002	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1003	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1004	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1005	ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R1006	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1008	ERDS2TJ682	C.RESISTOR 1/4W 6.8K	1	
R1009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1010	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1011	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R1013	ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMYG163	M.RESISTOR CH 1/10W 16K	1	
R1015	ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R1016	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1017	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1018	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1019	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1022	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1026	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R1027	ERDS2TJ123	C.RESISTOR 1/4W 12K	1	
R1028	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R1029	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R1030	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R1201	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1202	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1203	ERJ6GMYJ623	M.RESISTOR CH 1/10W 6.2K	1	
R1204	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1205	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R1206	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R1501	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1502	ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R1503	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1504	ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1505	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R1506	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R2501	ERDS2TJ331	C.RESISTOR 1/4W 330	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2502	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2503	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2506	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2507	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2508	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2510	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2511	ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M.RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2515	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2516	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2517	ERDS1TJ1R2	C.RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C.RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M.RESISTOR CH 1/10W 300	1	
R3004	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3006	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3007	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3008	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3012	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3013	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3020	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R3032	ER0S2CKG3900	M.RESISTOR 1/4W 390	1	
R3033	ERJ6GMYG391	M.RESISTOR CH 1/10W 390	1	
R3034	ERJ6GMYG621	M.RESISTOR CH 1/10W 620	1	[SUPPLIED FROM MBV]
R3035	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3036	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3037	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3040	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3043	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3505	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4001	ERJ6GMYG334	M.RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG241	M.RESISTOR CH 1/10W 240	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4006	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4012	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4016	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4018	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4019	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4036	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4038	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4039	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4049	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4060	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4061	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4064	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4065	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4066	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4067	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4068	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4069	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4070	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4071	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4072	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R4073	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4503	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4504	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4505	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4506	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4507	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4508	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4509	ERJ6GMYK335	M.RESISTOR CH 1/10W 3.3M	1	
R4510	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4512	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4514	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4516	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4517	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4518	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4519	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4520	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4521	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4522	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4523	ERJ6RBD393	M.RESISTOR CH 1/10W 39K	1	
R4524	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4525	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4526	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4527	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4528	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4529	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4530	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4531	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R4532	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R4533	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4534	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4536	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4537	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4538	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4539	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4540	ERDS2TJ2R2	C.RESISTOR 1/4W 2.2	1	
R4901	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4902	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4907	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4908	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4909	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4911	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4912	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4916	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4921	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4924	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4925	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4926	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4927	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4928	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4929	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4931	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4932	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4933	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4934	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6008	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6010	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6012	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6013	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6017	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R6018	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMYK106	M.RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6027	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6031	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6035	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6036	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6037	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6038	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R6039	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R6063	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6064	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R7302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7305	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7306	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7316	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7324	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7325	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7327	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R7328	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7329	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7501	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7502	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7503	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7504	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7506	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7507	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7508	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7509	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7513	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7514	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7518	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7519	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7520	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7521	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7523	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7524	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7525	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7526	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7527	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7529	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R7530	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7531	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7532	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7535	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R7536	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7540	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7545	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7549	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7601	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7602	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7603	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7606	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7607	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7608	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R7609	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R7610	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7612	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7613	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7620	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7622	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7623	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7701	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7707	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7708	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7709	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7710	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7711	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7712	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7713	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYG153	M.RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYG562	M.RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7719	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7721	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7723	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7729	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7732	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7733	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7734	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7735	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R7737	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7738	ERJ6GEYK225	M.RESISTOR CH 1/10W 2.2M	1	
R7739	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7745	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7754	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7755	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7756	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7758	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7759	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7760	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7761	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7762	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7764	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7765	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7766	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7767	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7769	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7770	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7775	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7776	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7780	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7784	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7785	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7786	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7801	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	(FOR VEP07A12D)
R7802	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70F)
R7803	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	(FOR VEP07A12D)
R7803	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	(FOR VEP06D70F)
R7804	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	(FOR VEP07A12D)
R7804	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70F)
R7805	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	(FOR VEP07A12D)
R7805	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70F)
R7807	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7808	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7809	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7810	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7811	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7812	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7813	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R7815	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7816	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7820	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7821	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7822	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7823	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7824	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R7825	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R7826	ERJ6GEYJ203	M.RESISTOR CH 1/10W 20K	1	
R7827	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R7828	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7829	ERJ6GEYG162	M.RESISTOR CH 1/10W 1.6K	1	
R7830	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R7831	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R7832	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7833	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7834	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7835	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7836	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7837	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7838	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7839	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7840	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7841	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7842	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7843	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7844	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7845	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7846	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7847	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7848	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R7849	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7850	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7851	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7858	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7863	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7865	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7866	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
RX7702	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7703	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7704	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7705	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7708	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7709	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
S1501	VSS0520	MODE SELECT SWITCH	1	
S6001	VES0834	S-TAB SWITCH	1	
S7503	EVQ11L07B	SWITCH	1	
S7504	EVQ11L07B	SWITCH	1	
S7506	EVQ11L07B	SWITCH	1	
S7507	EVQ11L07B	SWITCH	1	
S7509	EVQ11L07B	SWITCH	1	
S7510	EVQ11L07B	SWITCH	1	
S7516	EVQ11L07B	SWITCH	1	
S7517	EVQ11L07B	SWITCH	1	
T0701	EQV5EC081P	TRANSFORMER	1	
T4001	EQQ7QF026P	TRANSFORMER	1	
T4002	EQQ7QF025P	TRANSFORMER	1	
TH1001	VRT0162M220	THERMISTOR	1	
TH7501	VRT0162M220	THERMISTOR	1	
TU7601	ENG47310G1	TUNER	1	⚠[SUPPLIED FROM MBV]
VC7701	ECRLA030E53R	CERAMIC TRIMMER CAPACITOR	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B14	V.RESISTOR	1	
X0701	VLF1430	FILTER	1	
X0702	VLF1431	FILTER	1	
X0704	VLF1497	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X6002	VSX0660	CRYSTAL OSCILLATOR	1	
X7302	VSX0953	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	
X7702	VSX0544	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC4999	SHIELD CASE (MIDDLE)	1	[SUPPLIED FROM MBV]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	VSC4998	HA ANGLE	1	[SUPPLIED FROM MBV]
	VXQ0648	FIP HOLDER	1	
	VMP4894	SUPPORT ANGLE	1	FOR OSD C.B.A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C.B.A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C.B.A.
■	VEP06D70J	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ762EE-S
B7701	CR2354-1GUF	LITHIUM BATTERY	1	
C0701	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0702	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C0703	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
C0704	ECUM1E333KBN	C.CAPACITOR CH 25V 0.033U	1	
C0706	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C0707	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	
C0708	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	
C0710	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C0711	ECEA1CKA220	E.CAPACITOR 16V 22U	1	
C0712	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C0713	EEUFA1A391	E.CAPACITOR 10V 390U	1	
C0714	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C0715	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C0716	ECUX1H123KBV	C.CAPACITOR CH 50V 0.012U	1	
C0717	ECUM1H330GUV	C.CAPACITOR CH 50V 33P	1	
C0719	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C0721	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C0724	ECUX1H221KBV	C.CAPACITOR CH 50V 220P	1	
C1001	ECEA1AKG220	E.CAPACITOR 10V 22U	1	
C1002	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E.CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C1006	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1007	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1008	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C1009	ECEA1AKA470	E.CAPACITOR 10V 47U	1	
C1010	ECEA1VGE470	E.CAPACITOR 35V 47U	1	
C1011	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1012	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C1015	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C1016	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C1017	ECEA1HKA4R7	E.CAPACITOR 50V 4.7U	1	
C1201	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1205	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C1206	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1207	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1208	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1209	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C1501	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C2501	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C2502	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2504	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2505	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2507	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2508	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2509	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2510	ECUM1H563ZFN	C.CAPACITOR CH 50V 0.056U	1	
C2511	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2512	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C2516	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C2517	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E.CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C.CAPACITOR CH 25V 0.068U	1	
C2523	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2524	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2525	ECUM1C154KBN	C.CAPACITOR CH 16V 0.15U	1	
C2526	ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	1	
C2527	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C2535	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2536	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3002	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3003	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3004	ECEA1HKA3R3	E.CAPACITOR 50V 3.3U	1	
C3005	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3011	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3012	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3013	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3014	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C3016	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C3017	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3018	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
C3023	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3024	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C3025	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E.CAPACITOR 50V 0.47U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3033	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3034	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C3035	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3036	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3038	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C3039	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3047	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3049	ECUM1H681JCN	C.CAPACITOR CH 50V 680P	1	
C3050	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3051	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3052	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3054	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3055	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3060	ECEA1HKAR33	E.CAPACITOR 50V 0.33U	1	
C3502	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3504	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3505	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C3506	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3507	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3508	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3509	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C3510	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4001	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C4006	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4010	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4011	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C4012	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C4013	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4015	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C4016	ECEA1HKA0R1	E.CAPACITOR 50V 0.1U	1	
C4017	ECUM1H222JN	C.CAPACITOR CH 50V 2200P	1	
C4018	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4019	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4020	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4021	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C4045	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C4046	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4047	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4048	ECA1CAK100X	E.CAPACITOR 16V 10U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4049	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4050	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4068	ECQV1H154JM	P.CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4071	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C4072	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C4075	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4076	ECQB1H223JF	P.CAPACITOR 50V 0.022U	1	
C4077	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4080	ECEA1AKA220	E.CAPACITOR 10V 22U	1	
C4501	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4502	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C4505	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4506	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4507	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4508	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4509	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4510	ECA1HAKR22X	E.CAPACITOR 50V 0.22U	1	
C4511	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4512	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4513	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4514	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4515	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4516	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4517	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4518	ECEA1HKAR22	E.CAPACITOR 50V 0.22U	1	
C4519	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4520	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4521	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4522	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4523	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C4524	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4525	ECA1CAK470X	E.CAPACITOR 16V 47U	1	
C4526	ECQB1H562JF	P.CAPACITOR 50V 5600P	1	
C4527	ECA1CAK100X	E.CAPACITOR 16V 10U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4529	ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C4530	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4531	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C4532	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C4533	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4534	ECEA0JKS331	E.CAPACITOR 6.3V 330U	1	
C4535	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4538	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4539	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4540	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4901	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4902	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4903	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4904	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4905	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4906	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4907	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4908	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4909	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4910	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4911	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4912	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4913	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C4914	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4917	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4921	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4922	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4923	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4925	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4926	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4927	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4928	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4929	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C4932	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4933	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C4935	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4938	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4939	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4940	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C4941	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6001	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C6002	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6003	ECUM1H200JCN	C.CAPACITOR CH 50V 20P	1	
C6004	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C6005	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6006	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C6007	ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C6008	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C6011	ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C6012	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6013	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C6018	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6019	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C6020	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6021	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C6022	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6023	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6024	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C6025	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6026	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7302	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7304	VCEA0JAW101	E.CAPACITOR 6.3V 100U	1	
C7305	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7306	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7307	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7308	ECEA1HKA2R2	E.CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7312	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7313	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7315	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7318	VCEA0JAW470	E.CAPACITOR 6.3V 47U	1	
C7319	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7320	VCEA1CAW100	E.CAPACITOR 16V 10U	1	
C7324	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7325	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7341	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7342	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C7501	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7509	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7517	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7518	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7519	ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C7520	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7601	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7602	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7603	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7605	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7606	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7607	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7608	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7609	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7611	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7612	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7614	ECUM1H122JCN	C.CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C7615	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C7618	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C7619	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7620	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7621	ECA1HAK2R2X	E.CAPACITOR 50V 2.2U	1	
C7622	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7624	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7625	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C7626	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7627	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C7701	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7703	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7704	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7705	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7706	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7708	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7709	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7710	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7711	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7712	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7713	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7714	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7715	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7716	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7717	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7718	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C7719	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7720	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7721	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7722	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7723	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7724	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7725	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7728	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7729	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7730	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C7732	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7733	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7734	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7735	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7736	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7737	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7739	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7741	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C7743	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7744	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7745	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7746	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	1	
C7747	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7748	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C7749	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7750	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7757	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C7760	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C7761	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7762	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7763	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7765	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7766	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7767	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7768	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7769	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7770	ECEA1HKA010	E.CAPACITOR 50V 1U	1	
C7771	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7772	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7773	ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C7774	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7775	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7776	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C7777	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7778	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7781	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7783	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C7784	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7786	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7801	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7802	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C7803	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
D0702	MA77	DIODE	1	
D1003	1SS254	DIODE	1	
D1004	MA4051N-H	DIODE	1	[SUPPLIED FROM MBV]
D1006	MA4051N-L	DIODE	1	[SUPPLIED FROM MBV]
D1009	MA4051N-M	DIODE	1	
D1010	1SS254	DIODE	1	
D1011	11ES1	DIODE	1	
D1012	11ES1	DIODE	1	
D1015	1SS254	DIODE	1	
D1016	1SS254	DIODE	1	
D1017	MA4120N-M	DIODE	1	
D1018	1SS254	DIODE	1	
D1501	SIR505S	DIODE	1	
D2502	1SS254	DIODE	1	
D2504	1SS254	DIODE	1	
D2505	1SS254	DIODE	1	
D3001	1SS254	DIODE	1	
D4001	1SS254	DIODE	1	
D4501	MA700	DIODE	1	
D4905	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D4906	MA4075N-M	DIODE	1	[SUPPLIED FROM MBV]
D6001	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D6003	MA700	DIODE	1	
D6004	RB441P	DIODE	1	
D7521	MA4220N-M	DIODE	1	[SUPPLIED FROM MBV]
D7601	MA4300M	DIODE	1	
D7603	1SS254	DIODE	1	
D7604	1SS254	DIODE	1	
D7701	1SS355	DIODE	1	
D7702	MA728	DIODE	1	
D7703	MA728	DIODE	1	
D7704	1SS355	DIODE	1	
D7705	1SS355	DIODE	1	
D7706	1SS355	DIODE	1	
D7801	MA4051N-M	DIODE	1	
D7802	1SS254	DIODE	1	
DL7701	ELB4Y029B	DELAY LINE	1	
DP7501	VSL0533-B	FIP	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA75503	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1201	UPC1093J	IC	1	
IC1501	RPI354N	IC	1	
IC1502	RPI354N	IC	1	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV3	IC	1	[SUPPLIED FROM MBV]
IC3501	AN3368SB	IC	1	
IC4001	NJM4558M	IC	1	
IC4501	TDA9605H	IC	1	[SUPPLIED FROM MBV]
IC4901	LA73021M	IC	1	[SUPPLIED FROM MBV]
IC6001	M37777VFGC	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9874AH	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	
IC7502	S80743AL	IC	1	
IC7503	RN5VD28AA	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	M306H0SFP	IC	1	[SUPPLIED FROM MBV]
IC7702	M27C4001BDBD	IC	1	[SUPPLIED FROM MBV]
IC7703	UPD431000AGW	IC	1	[SUPPLIED FROM MBV]
IC7704	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7705	NJM2533M	IC	1	
IC7706	M52390FP	IC	1	
IC7707	BA6138	IC	1	
IC7801	M24C16-WBN6	IC	1	
IP1001	UNH000300A	IC PROTECTOR	1	⚠
IP1002	UNH000300A	IC PROTECTOR	1	⚠
IP1201	UNH000300A	IC PROTECTOR	1	⚠
IP1202	UNH000300A	IC PROTECTOR	1	⚠
IP7801	UNH000300A	IC PROTECTOR	1	⚠
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0707	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0709	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K2501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3510	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4005	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4006	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4011	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4914	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4916	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6007	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7302	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K7503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7601	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7603	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L0701	ELJNAR27JF	CHIP INDUCTOR	1	[SUPPLIED FROM MBV]
L0703	ELJNA2R2JF	CHIP INDUCTOR	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J680	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003	VLQ0599J470	COIL 47UH	1	
L3004	VLQ0599J680	COIL 68UH	1	
L3005	VLQ0599J101	COIL 100UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3007	VLQ0599J330	COIL 33UH	1	
L3008	VLQ0599J470	COIL 47UH	1	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L3501	VLQ0599J330	COIL 33UH	1	
L4001	ELELN153JA	INDUCTOR 15000UH	1	[SUPPLIED FROM MBV]
L4006	VLQ0599J680	COIL 68UH	1	
L4007	VLQ0599J680	COIL 68UH	1	
L4501	VLQ0599J100	COIL 10UH	1	
L4901	VLQ0599JR22	COIL 0.22UH	1	[SUPPLIED FROM MBV]
L4902	VLQ0599J680	COIL 68UH	1	
L4903	VLQ0599J680	COIL 68UH	1	
L4904	VLQ0599J680	COIL 68UH	1	
L6001	VLQ0599J221	COIL 220UH	1	
L7302	VLQ0599J1R0	COIL 1UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J330	COIL 33UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7604	VLQ0599J330	COIL 33UH	1	
L7608	VLQ0599J1R0	COIL 1UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7704	VLQ0822J390	COIL 39UH	1	[SUPPLIED FROM MBV]
L7705	VLQ0822J101	COIL 100UH	1	[SUPPLIED FROM MBV]
L7706	VLQ0822J100	COIL 10UH	1	[SUPPLIED FROM MBV]
L7710	VLQ0822J100	COIL 10UH	1	[SUPPLIED FROM MBV]
L7711	VLQ0822J330	COIL 33UH	1	[SUPPLIED FROM MBV]
L7712	VLQ0822J101	COIL 100UH	1	[SUPPLIED FROM MBV]
LB0701	VLP0147	COIL	1	
LB3001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3002	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3501	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3502	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3503	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB3504	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
LB4901	VLP0147	COIL	1	
LB4902	VLP0147	COIL	1	
LB4903	VLP0147	COIL	1	
LB4904	VLP0147	COIL	1	
LB4906	VLP0147	COIL	1	
LB4907	VLP0147	COIL	1	
LB7301	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7303	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
LB7801	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
P1001	VJS3917A016W	CONNECTOR (FEMALE) 16P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3502	VJS3537A010G	CONNECTOR (FEMALE) 10P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
P6001	VJS3537A007G	CONNECTOR (FEMALE) 7P	1	
P7502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
P7503	VJP3630A014G	CONNECTOR (MALE) 14P	1	
PK0701	VJR0826E009W	CONNECTOR (MALE) 9P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B006W	CONNECTOR (MALE) 6P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PS7701	VJR0777B011W	CONNECTOR (MALE) 11P	1	
PS7702	VJR0777B011W	CONNECTOR (MALE) 11P	1	
PS7703	VJR0777B014W	CONNECTOR (MALE) 14P	1	
Q0702	2SD601A-S	TRANSISTOR	1	[SUPPLIED FROM MBV]
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD1996-S	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1010	2SD601A	TRANSISTOR	1	
Q1201	2SD1996-S	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1203	2SD601A	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4004	2SB710-R	TRANSISTOR	1	
Q4005	2SD602A-R	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4501	2SB709A	TRANSISTOR	1	
Q4901	2SB709A	TRANSISTOR	1	
Q4903	2SD601A	TRANSISTOR	1	
Q4904	2SD601A	TRANSISTOR	1	
Q4905	2SD1328-S	TRANSISTOR	1	
Q7501	2SB709A	TRANSISTOR	1	
Q7502	2SD1994	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7604	2SD601A	TRANSISTOR	1	
Q7605	2SB709A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7606	2SD601A	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB709A	TRANSISTOR	1	
Q7703	2SD1819A	TRANSISTOR	1	
Q7704	2SD1819A	TRANSISTOR	1	
Q7706	2SB709A	TRANSISTOR	1	
Q7708	2SB709A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710	2SD601A	TRANSISTOR	1	
Q7711	2SD601A	TRANSISTOR	1	
Q7712	2SD601A	TRANSISTOR	1	
Q7713	2SD601A	TRANSISTOR	1	
Q7715	2SD601A	TRANSISTOR	1	
Q7720	2SB709A	TRANSISTOR	1	
Q7801	2SD1996-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2211	TRANSISTOR-RESISTOR	1	
QR1003	MUN2212	TRANSISTOR-RESISTOR	1	
QR1005	MUN2211	TRANSISTOR-RESISTOR	1	
QR3006	MUN2212	TRANSISTOR-RESISTOR	1	
QR3007	MUN2212	TRANSISTOR-RESISTOR	1	
QR3008	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4003	MUN2212	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007	MUN2212	TRANSISTOR-RESISTOR	1	
QR4008	MUN2211	TRANSISTOR-RESISTOR	1	
QR4009	UN2215	TRANSISTOR	1	
QR4010	UN2215	TRANSISTOR	1	
QR4502	UN2215	TRANSISTOR	1	
QR4503	UN2215	TRANSISTOR	1	
QR4504	UN2215	TRANSISTOR	1	
QR4505	UN2215	TRANSISTOR	1	
QR4506	MUN2113	TRANSISTOR-RESISTOR	1	
QR4507	XN6116	TRANSISTOR	1	[SUPPLIED FROM MBV]
QR4508	MUN2212	TRANSISTOR-RESISTOR	1	
QR4509	MUN2211	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003	MUN2212	TRANSISTOR-RESISTOR	1	
QR6004	MUN2212	TRANSISTOR-RESISTOR	1	
QR6006	MUN2213	TRANSISTOR-RESISTOR	1	
QR6007	MUN2113	TRANSISTOR-RESISTOR	1	
QR7710	MUN2211	TRANSISTOR-RESISTOR	1	
QR7711	UN2110	TRANSISTOR	1	
QR7712	UN521L	TRANSISTOR-RESISTOR	1	[SUPPLIED FROM MBV]
QR7713	UN2116	TRANSISTOR	1	
R0705	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1	
R0707	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R0708	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0709	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R0711	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R0713	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0714	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R0715	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0717	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R0717	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0719	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0725	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R0726	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R0727	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0731	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0732	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R0740	ERJ3GEYG271	M.RESISTOR CH 1/16W 270	1	
R0741	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R0742	ERJ8GEYJ151	M.RESISTOR CH 1/8W 150	1	
R0745	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R1001	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1002	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1003	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1004	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R1005	ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R1006	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1008	ERDS2TJ682	C.RESISTOR 1/4W 6.8K	1	
R1009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1010	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1011	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R1013	ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMYG163	M.RESISTOR CH 1/10W 16K	1	
R1016	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1017	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R1018	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1019	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R1022	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1026	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R1027	ERDS2TJ123	C.RESISTOR 1/4W 12K	1	
R1028	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R1029	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R1030	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R1201	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1202	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1203	ERJ6GMYJ623	M.RESISTOR CH 1/10W 6.2K	1	
R1204	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1205	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R1206	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R1501	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1502	ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R1503	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R1504	ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1505	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R1506	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2501	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R2502	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2503	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2506	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2507	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2508	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2510	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2511	ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M.RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2515	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2516	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2517	ERDS1TJ1R2	C.RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C.RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M.RESISTOR CH 1/10W 300	1	
R3004	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3006	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3007	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3008	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3012	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3013	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3020	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R3032	ER0S2CKG3900	M.RESISTOR 1/4W 390	1	
R3033	ERJ6GMYG391	M.RESISTOR CH 1/10W 390	1	
R3034	ERJ6GMYG621	M.RESISTOR CH 1/10W 620	1	[SUPPLIED FROM MBV]
R3035	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R3036	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3037	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3040	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3043	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3505	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4001	ERJ6GMYG334	M.RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4005	ERJ6GMYG241	M.RESISTOR CH 1/10W 240	1	
R4006	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4012	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYK225	M.RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4016	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R4018	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4019	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4036	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4038	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4039	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4049	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4060	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4061	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4064	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4065	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4066	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4067	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4068	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4069	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4070	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R4071	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4072	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R4073	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4503	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4504	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4505	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4506	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4507	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4508	ERJ6GMYJ753	M.RESISTOR CH 1/10W 75K	1	
R4509	ERJ6GMYK335	M.RESISTOR CH 1/10W 3.3M	1	
R4510	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4512	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4514	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4516	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4517	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4518	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4519	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4520	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4521	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4522	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4523	ERJ6RBD393	M.RESISTOR CH 1/10W 39K	1	
R4524	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4525	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4526	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4527	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4528	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4529	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4530	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R4531	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R4532	ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R4533	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4534	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4536	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4537	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4538	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4539	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4540	ERDS2TJ2R2	C.RESISTOR 1/4W 2.2	1	
R4901	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4902	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4907	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4908	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4909	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4911	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4912	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4916	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4921	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4924	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4925	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4926	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4927	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4928	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4929	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R4931	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4932	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4933	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4934	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6004	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6005	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6008	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6010	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6012	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6013	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6014	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6017	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R6018	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMYK106	M.RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6021	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6027	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6031	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6035	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6036	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6037	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6038	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R6039	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R6063	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6064	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R7302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7305	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7306	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7316	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7324	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7325	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7327	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R7328	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7329	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R7501	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7502	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7503	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7504	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R7506	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7507	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7508	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7512	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7517	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7520	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7521	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7523	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7524	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7525	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7527	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7529	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R7530	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7531	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7532	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GMYJ303	M.RESISTOR CH 1/10W 30K	1	
R7535	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R7536	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7537	ERJ6GMYJ203	M.RESISTOR CH 1/10W 20K	1	
R7540	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7545	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R7549	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R7601	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7602	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7603	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7606	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7607	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7608	ERDS2TJ331	C.RESISTOR 1/4W 330	1	
R7609	ERDS2TJ331	C.RESISTOR 1/4W 330	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7610	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7612	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R7613	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7620	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7622	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7623	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R7701	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7702	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7707	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7708	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7709	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7710	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7711	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7712	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7713	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYG153	M.RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYG562	M.RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7719	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7721	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7723	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7729	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7732	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7733	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7734	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7735	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R7737	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7738	ERJ6GEYK225	M.RESISTOR CH 1/10W 2.2M	1	
R7739	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7745	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7754	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7755	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7756	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7758	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7759	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7760	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7761	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7762	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7764	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7765	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7766	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7767	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7769	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7770	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7772	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7773	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7775	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7776	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7780	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7784	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7785	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7786	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7801	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	(FOR VEP07A12A)
R7802	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70J)
R7803	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	(FOR VEP07A12A)
R7803	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	(FOR VEP06D70J)
R7804	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	(FOR VEP07A12A)
R7804	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70J)
R7805	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	(FOR VEP07A12A)
R7805	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	(FOR VEP06D70J)
R7807	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R7808	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7809	ERJ6GEYG511	M.RESISTOR CH 1/10W 510	1	
R7810	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7811	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7812	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7813	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
R7815	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7816	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7820	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7821	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7822	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7823	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7824	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R7825	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R7826	ERJ6GEYJ203	M.RESISTOR CH 1/10W 20K	1	
R7827	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R7828	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7829	ERJ6GEYG162	M.RESISTOR CH 1/10W 1.6K	1	
R7830	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R7831	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R7832	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7833	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7834	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R7835	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7836	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7837	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7838	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7839	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7840	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7841	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7842	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7843	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7844	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7845	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R7846	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7847	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7848	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R7849	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7850	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7851	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7858	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7861	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7862	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7863	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7864	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R7865	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
RX7702	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7703	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7704	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7705	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7708	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
RX7709	VRE0219A101	NETWORK RESISTOR	1	[SUPPLIED FROM MBV]
S1501	VSS0520	MODE SELECT SWITCH	1	
S6001	VES0834	S-TAB SWITCH	1	
S7509	EVQ11L07B	SWITCH	1	
S7510	EVQ11L07B	SWITCH	1	
S7516	EVQ11L07B	SWITCH	1	
S7517	EVQ11L07B	SWITCH	1	
S7518	EVQ11L07B	SWITCH	1	
T0701	EQV5EC081P	TRANSFORMER	1	
T4001	EQQ7QF026P	TRANSFORMER	1	
T4002	EQQ7QF025P	TRANSFORMER	1	
TH1001	VRT0162M220	THERMISTOR	1	
TH7501	VRT0162M220	THERMISTOR	1	
TU7601	ENG47310G1	TUNER	1	⚠[SUPPLIED FROM MBV]
VC7701	ECRLA030E53R	CERAMIC TRIMMER CAPACITOR	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B14	V.RESISTOR	1	
X0701	VLF1430	FILTER	1	
X0702	VLF1431	FILTER	1	
X0704	VLF1497	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X6002	VSX0660	CRYSTAL OSCILLATOR	1	
X7302	VSX0953	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	
X7702	VSX0544	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC4999	SHIELD CASE (MIDDLE)	1	[SUPPLIED FROM MBV]
	VSC4998	HA ANGLE	1	[SUPPLIED FROM MBV]
	VXQ0648	FIP HOLDER	1	
	VMP4894	SUPPORT ANGLE	1	FOR OSD C.B.A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C.B.A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C.B.A.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP01826Z	POWER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ617EE-S
C1101	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1102	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C1103	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1104	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1106	ECQE6104KF	P.CAPACITOR 630V 0.1U	1	
C1108	ECCD3A470KGE	C.CAPACITOR 1KV 47P	1	
C1109	ECKD2H103PU	C.CAPACITOR 500V 0.01U	1	
C1110	ECEA0JGE331	E.CAPACITOR 6.3V 330U	1	
C1111	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1112	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C1113	ERDS1TJ393	C.RESISTOR 1/2W 39K	1	
C1114	ECA1VGE470X	E.CAPACITOR 35V 47U	1	
C1116	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1118	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1119	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1120	ECEC2GG330	E.CAPACITOR 400V 33U	1	
C1131	EEUFA1E681	E.CAPASITOR 25V 680U	1	
C1132	EEUFA1E331L	E.CAPASITOR 25V 330U	1	[SUPPLIED FROM MBV]
C1133	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1134	EEUFA1A222E	E.CAPACITOR 10V 2200U	1	
C1135	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1137	ECEA1JGE470	E.CAPACITOR 63V 47U	1	
C1138	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1139	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1140	ECEA1HGE101	E.CAPACITOR 50V 100U	1	
C1141	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1142	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1143	ECEA1AFZ331	E.CAPACITOR 10V 330U	1	
C1144	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1145	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
D1102	S1WBA60S	DIODE	1	⚠
D1103	AP01C	DIODE	1	
D1104	MA185	DIODE	1	
D1105	MA700	DIODE	1	
D1106	MA4220-H	DIODE	1	
D1107	1SS254	DIODE	1	
D1109	ERA15-08	DIODE	1	⚠
D1110	ERA15-08	DIODE	1	⚠
D1114	RK36	DIODE	1	
D1118	RD100E	ZENER DIODE	1	
D1121	RL2ZP	DIODE	1	
D1123	ERA22-04	DIODE	1	
D1124	ERA22-04	DIODE	1	
D1125	11EQS04	DIODE	1	
D1130	MA7300B	DIODE	1	
F1101	XBA2C16TH15	FUSE	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1101	STRM6559LF	IC	1	
IC1102	UPC1093J	IC	1	
IP1101	VSF0015A10	FUSE	1	⚠
L1107	ELF15N005A	LINE FILTER	1	⚠
L1108	ELF17N004A	LINE FILTER	1	⚠
L1121	VLQ0655K220	COIL 22UH	1	
L1122	VLQ0655K220	COIL 22UH	1	
L1123	ELESE101KA	COIL 100UH	1	
L1124	ELESE101KA	COIL 100UH	1	
LB1105	VLP0074	COIL	1	
P1101	VJS3306	AC INLET	1	⚠
P1103	VJP3917A016G	FJ CONNECTOR	1	
Q1111	CNX82A5387	PHOTO COUPLER	1	⚠[SUPPLIED FROM MBV]
R1101	ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1102	ERG1SJ393	M.RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	C.RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	C.RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	C.RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	C.RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	C.RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	C.RESISTOR 1/4W 180	1	[SUPPLIED FROM MBV]
R1112	ERDS2FJ331	C.RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M.RESISTOR 1W 1	1	
R1114	ERDS2FJ332	C.RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	C.RESISTOR 1/4W 33	1	[SUPPLIED FROM MBV]
R1116	ERDS2TJ272	C.RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1120	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1121	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1122	ERC12AGM334	S.RESISTOR 1/2W 330K	1	⚠
R1125	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
S7511	EVQ11L07B	SWITCH	1	
S7512	EVQ11L07B	SWITCH	1	
S7513	EVQ11L07B	SWITCH	1	
S7514	EVQ11L07B	SWITCH	1	
S7515	EVQ11L07B	SWITCH	1	
T1101	VLT0940	SWITCHING TRANSFORMER	1	⚠[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VMP5133	AC PLATE	1	
	VHD0418	SCREW	1	
	TP00351-51	FUSE HOLDER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP01826H	POWER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ712EE-S
C1101	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1102	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C1103	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1104	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1105	EEUFA1A122	E.CAPASITOR 10V 1200U	1	
C1106	ECQE6104KF	P.CAPACITOR 630V 0.1U	1	
C1108	ECCD3A470KGE	C.CAPACITOR 1KV 47P	1	
C1109	ECKD2H103PU	C.CAPACITOR 500V 0.01U	1	
C1110	ECEA0JGE331	E.CAPACITOR 6.3V 330U	1	
C1111	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1112	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C1114	ECA1VGE470X	E.CAPACITOR 35V 47U	1	
C1116	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1117	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1118	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1119	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1120	ECEC2GG330	E.CAPACITOR 400V 33U	1	
C1131	EEUFA1E681	E.CAPASITOR 25V 680U	1	
C1132	EEUFA1E331L	E.CAPASITOR 25V 330U	1	[SUPPLIED FROM MBV]
C1133	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1134	EEUFA1A122	E.CAPASITOR 10V 1200U	1	
C1135	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1137	ECEA1JGE470	E.CAPACITOR 63V 47U	1	
C1138	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1139	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1140	ECEA1HGE101	E.CAPACITOR 50V 100U	1	
C1141	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1142	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1143	ECEA1AFZ331	E.CAPACITOR 10V 330U	1	
C1144	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1145	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
D1102	S1WBA60S	DIODE	1	⚠
D1103	AP01C	DIODE	1	
D1104	MA185	DIODE	1	
D1105	MA700	DIODE	1	
D1106	MA4220-H	DIODE	1	
D1107	1SS254	DIODE	1	
D1109	ERA15-08	DIODE	1	⚠
D1110	ERA15-08	DIODE	1	⚠
D1113	RK36	DIODE	1	
D1114	RK36	DIODE	1	
D1118	RD100E	ZENER DIODE	1	
D1121	RL2ZP	DIODE	1	
D1123	ERA22-04	DIODE	1	
D1124	ERA22-04	DIODE	1	
D1125	11EQS04	DIODE	1	
D1130	MA7300B	DIODE	1	

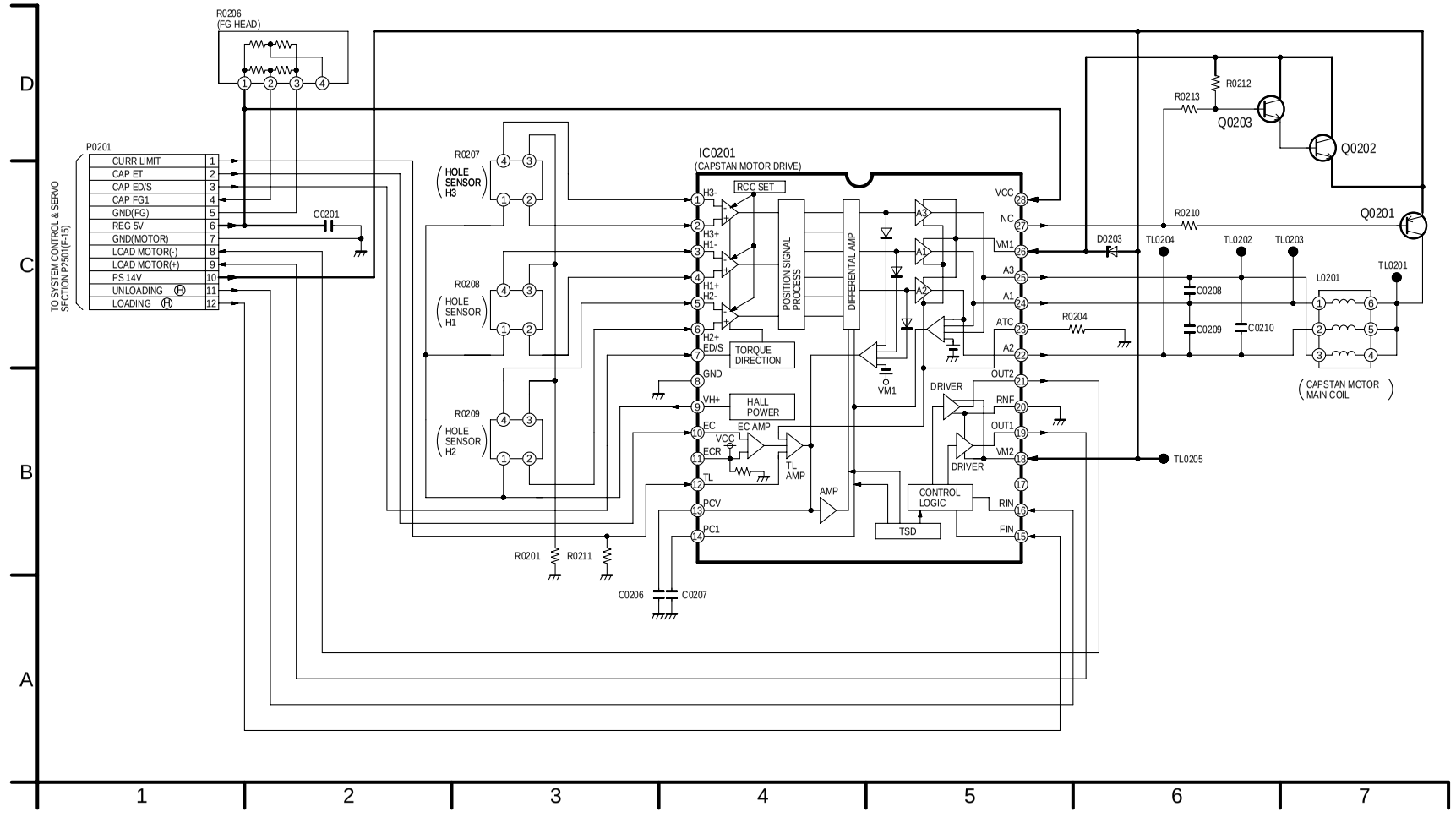
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F1101	XBA2C16TH15	FUSE	1	⚠
IC1101	STRM6559LF	IC	1	
IC1102	UPC1093J	IC	1	
IP1101	VSF0015A10	FUSE	1	⚠
L1101	VLQ0655K220	COIL 22UH	1	
L1107	ELF15N005A	LINE FILTER	1	⚠
L1108	ELF17N004A	LINE FILTER	1	⚠
L1121	VLQ0655K220	COIL 22UH	1	
L1122	VLQ0655K220	COIL 22UH	1	
L1123	ELESE101KA	COIL 100UH	1	
L1124	ELESE101KA	COIL 100UH	1	
LB1105	VLP0074	COIL	1	
P1101	VJS3306	AC INLET	1	⚠
P1103	VJP3917A016G	FJ CONNECTOR	1	
Q1111	CNX82A5387	PHOTO COUPLER	1	⚠[SUPPLIED FROM MBV]
R1101	ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1102	ERG1SJ393	M.RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	C.RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	C.RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	C.RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	C.RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	C.RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	C.RESISTOR 1/4W 180	1	[SUPPLIED FROM MBV]
R1112	ERDS2FJ331	C.RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M.RESISTOR 1W 1	1	
R1114	ERDS2FJ332	C.RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	C.RESISTOR 1/4W 33	1	[SUPPLIED FROM MBV]
R1116	ERDS2TJ272	C.RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1120	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1121	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1122	ERC12AGM334	S.RESISTOR 1/2W 330K	1	⚠
R1125	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
S7511	EVQ11L07B	SWITCH	1	
S7512	EVQ11L07B	SWITCH	1	
S7513	EVQ11L07B	SWITCH	1	
S7514	EVQ11L07B	SWITCH	1	
S7515	EVQ11L07B	SWITCH	1	
T1101	VLT0940	SWITCHING TRANSFORMER	1	⚠[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VMP5133	INLET ANGLE	1	
	VHD0418	SCREW	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TP00351-51	FUSE HOLDER	2	
■	VEP01826X	POWER C.B.A.	1	⚠[SUPPLIED FROM MBV]
				(RTL)NV-FJ762EE-S
C1101	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1102	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C1103	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1104	VCK0286E102	CERAMIC CAPACITOR	1	⚠
C1105	EEUFA1A122	E.CAPASITOR 10V 1200U	1	
C1106	ECQE6104KF	P.CAPACITOR 630V 0.1U	1	
C1108	ECCD3A470KGE	C.CAPACITOR 1KV 47P	1	
C1109	ECKD2H103PU	C.CAPACITOR 500V 0.01U	1	
C1110	ECEA0JGE331	E.CAPACITOR 6.3V 330U	1	
C1111	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1112	ECQB1H822JF	P.CAPACITOR 50V 8200P	1	
C1114	ECA1VGE470X	E.CAPACITOR 35V 47U	1	
C1116	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1117	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1118	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1119	ECQU2A104MVA	P.CAPACITOR 250V 0.1U	1	⚠
C1120	ECEC2GG330	E.CAPACITOR 400V 33U	1	
C1131	EEUFA1E681	E.CAPASITOR 25V 680U	1	
C1132	EEUFA1E331L	E.CAPASITOR 25V 330U	1	[SUPPLIED FROM MBV]
C1133	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1134	EEUFA1A122	E.CAPASITOR 10V 1200U	1	
C1135	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1137	ECEA1JGE470	E.CAPACITOR 63V 47U	1	
C1138	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1139	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1140	ECEA1HGE101	E.CAPACITOR 50V 100U	1	
C1141	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1142	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1143	ECEA1AFZ331	E.CAPACITOR 10V 330U	1	
C1144	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1145	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
D1102	S1WBA60S	DIODE	1	⚠
D1103	AP01C	DIODE	1	
D1104	MA185	DIODE	1	
D1105	MA700	DIODE	1	
D1106	MA4220-H	DIODE	1	
D1107	1SS254	DIODE	1	
D1109	ERA15-08	DIODE	1	⚠
D1110	ERA15-08	DIODE	1	⚠
D1113	RK36	DIODE	1	
D1114	RK36	DIODE	1	
D1118	RD100E	ZENER DIODE	1	
D1121	RL2ZP	DIODE	1	
D1123	ERA22-04	DIODE	1	
D1124	ERA22-04	DIODE	1	
D1125	11EQS04	DIODE	1	

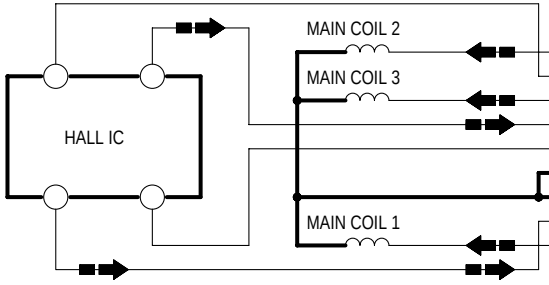
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1130	MA7300B	DIODE	1	
F1101	XBA2C16TH15	FUSE	1	⚠
IC1101	STRM6559LF	IC	1	
IC1102	UPC1093J	IC	1	
IP1101	VSF0015A10	FUSE	1	⚠
L1101	VLQ0655K220	COIL 22UH	1	
L1107	ELF15N005A	LINE FILTER	1	⚠
L1108	ELF17N004A	LINE FILTER	1	⚠
L1121	VLQ0655K220	COIL 22UH	1	
L1122	VLQ0655K220	COIL 22UH	1	
L1123	ELESE101KA	COIL 100UH	1	
L1124	ELESE101KA	COIL 100UH	1	
LB1105	VLP0074	COIL	1	
P1101	VJS3306	AC INLET	1	⚠
P1103	VJP3917A016G	FJ CONNECTOR	1	
Q1111	CNX82A5387	PHOTO COUPLER	1	⚠[SUPPLIED FROM MBV]
R1101	ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1102	ERG1SJ393	M.RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	C.RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	C.RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	C.RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	C.RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	C.RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	C.RESISTOR 1/4W 180	1	[SUPPLIED FROM MBV]
R1112	ERDS2FJ331	C.RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M.RESISTOR 1W 1	1	
R1114	ERDS2FJ332	C.RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	C.RESISTOR 1/4W 33	1	[SUPPLIED FROM MBV]
R1116	ERDS2TJ272	C.RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1120	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1121	ER0S2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1122	ERC12AGM334	S.RESISTOR 1/2W 330K	1	⚠
R1125	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
T1101	VLT0940	SWITCHING TRANSFORMER	1	⚠[SUPPLIED FROM MBV]
	VMP5133	INLET ANGLE	1	
	VHD0418	SCREW	1	
	TP00351-51	FUSE HOLDER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP07992C	AV FRONT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
C6501	ECKF1H821KB	C.CAPACITOR 50V 820P	1	
C6502	ECKF1H821KB	C.CAPACITOR 50V 820P	1	
C6503	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
D6501	SLR932AVA	DIODE	1	
D6502	SLR932AVA	DIODE	1	
D6503	SLR932AVA	DIODE	1	
JK6501	VJJ0573	3-PIN AV JACK	1	
P6501	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
R6501	ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R6502	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R6503	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
		MISCELLANEOUS		
	VMD0504	LED HOLDER	2	
	VMD2591	LED HOLDER	1	
■	VEP06C47A	JOG C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)NV-FJ762EE-S
J6301	VSQ0817	JOG/SHUTTLE ENCODER	1	
P6301	VJS3630B014B	CONNECTOR (FEMALE) 14P	1	
R6301	ER0S2CKG8201	M.RESISTOR 1/4W 8.2K	1	
R6302	ER0S2CKG1202	M.RESISTOR 1/4W 12K	1	
R6303	ER0S2CKG5601	M.RESISTOR 1/4W 5.6K	1	
R6304	ER0S2CKG5601	M.RESISTOR 1/4W 5.6K	1	
R6305	ER0S2CKG4301	M.RESISTOR 1/4W 4.3K	1	
R6306	ER0S2CKG4301	M.RESISTOR 1/4W 4.3K	1	
R6307	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6308	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6309	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6310	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6311	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6312	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
S6301	EVQ11L07B	SWITCH	1	
S6302	EVQ11L07B	SWITCH	1	
S6303	EVQ11L07B	SWITCH	1	
S6304	EVQ11L07B	SWITCH	1	
S6305	EVQ11L07B	SWITCH	1	
S6306	EVQ11L07B	SWITCH	1	
S6307	EVQ11L07B	SWITCH	1	
■	VEP06C48A	REAR EDIT C.B.A.	1	[SUPPLIED FROM MBV]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
				(RTL)NV-FJ762EE-S
JK6401	VJJ0597	EDIT 5P	1	
JK6402	VJJ0169	REMOTE CONTROLLER JACK	1	
P6401	VJS3478B007T	CONNECTOR (FEMALE) 7P	1	[SUPPLIED FROM MBV]
■	----------	CYLINDER STATOR C.B.A.		
		MISCELLANEOUS		
	HW-300A-DF	HALL IC	1	
	VJS3537B009G	CONNECTOR (FEMALE) 9P	1	


R0206
(FG HEAD)
P0201
CURR LIMIT
CAP ET
CAP ED/S
CAP FG1
GND(FG)
REG 5V
GND(MOTOR)
LOAD MOTOR(-)
LOAD MOTOR(+)
PS 14V
UNLOADING Ⓗ
LOADING Ⓗ
TO SYSTEM CONTROL & SERVO SECTION P2501(F-15)
C0201
R0207
HOLE SENSOR H3
R0208
HOLE SENSOR H1
R0209
HOLE SENSOR H2
IC0201
(CAPSTAN MOTOR DRIVE)
RCC SET
POSITION SIGNAL PROCESS
DIFFERENTIAL AMP
TORQUE DIRECTION
HALL POWER
EC AMP
TL AMP
AMP
CONTROL LOGIC
TSD
DRIVER
R0201
R0211
C0206
C0207
R0212
R0213
Q0203
Q0202
Q0201
R0210
D0203
TL0204
TL0202
TL0203
TL0201
L0201
C0208
C0209
C0210
R0204
CAPSTAN MOTOR MAIN COIL
TL0205

CYLINDER SERVO SPEED LOOP



P2901

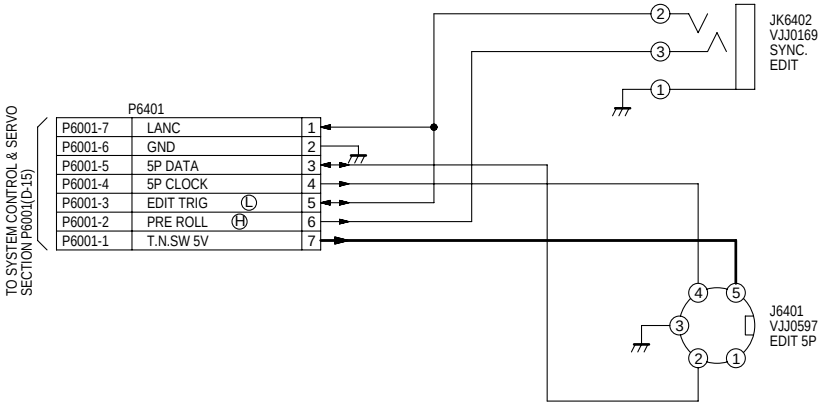
1	M2	P2502-9
2	VH+	P2502-8
3	M3	P2502-7
4	HE+	P2502-6
5	GND(CYL)	P2502-5
6	VM	P2502-4
7	VM	P2502-3
8	HE-	P2502-2
9	M1	P2502-1

TO SYSTEM CONTROL & SERVO SECTION P2502(C-15)

NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

A

1 2 3



NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU OEDER A PART,PLEASE REFER TO PARTS LIST.

B

A

1 2 3

Ⓟ :TO POWER SUPPLY/RF SECTION

Ⓢ :TO SYSTEM CONTROL & SERVO SECTION

Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

AUDIO MAIN SIGNAL PATH IN REC MODE

AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

IC3501
AN3368SB

Ⓟ VIDEO 5V
Ⓟ GND
L3501 33u
C3505 6V47
C3506 0.01
5.1 36 VCC
0 35 NC
Ⓢ ENV.SELECT
4.9 34
CMP
DET
DET
C3502 0.01
0.7 (3.3) 33
Ⓢ LP Ⓗ
0.3 32
Ⓥ REC Y+C
1.4 31
ZAP
Ⓥ RF Y+C
R3505 100
2.6 (0.1) 30
CHROMA AMP
29 GND
2.7 (1.9) 28
AT
Ⓢ TRACKING ENV.
4.0 (2.0) 27
C3504 0.01
0 26 NC
Ⓢ D.REC Ⓗ
0.4 (4.9) 25 REC Ⓗ
0 24 NC
CURR.EMPH 23
0 22 NC
0 21 NC
0 20 NC
0 19 NC

H SW 1 2.5
H.A SW 2 0.1
3 0 (3.0)
4 0.7 (2.9)
GND 5
6 0.7 (2.9)
7 0.7 (2.4)
GND 8
9 0.7 (2.4)
10 0 (2.5)
11 0
NC 12 0
NC 13 0
NC 14 0
NC 15 0
NC 16 0
NC 17 0
NC 18 0

HA4
HA3
HA2
HA1
H
L

LB3501 0
LB3502 0
LB3503 0
LB3504 0
C3507 0.1
C3508 0.1
C3509 0.1
C3510 0.1

C3002 1000P
C3003 1000P
HEAD SW Ⓢ
H.AMP SW Ⓢ

P3502
(TO CYLINDER UNIT)

1	LP R
2	LP COM
3	LP L
4	SP R
5	SP COM
6	SP L
7	GND
8	AUDIO HEAD L
9	AUDIO HEAD COM
10	AUDIO HEAD R

AUDIO HEAD R Ⓥ
AUDIO HEAD COM Ⓥ
AUDIO HEAD L Ⓥ

NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( )ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL.(SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL.(SP MODE)

E D C B A

1 2 3 4 5 6 7

Ⓟ :TO POWER SUPPLY/RF SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓣ :TO TIMER SECTION

VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

IC4901
LA73021M

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR.(SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL.(SP MODE)

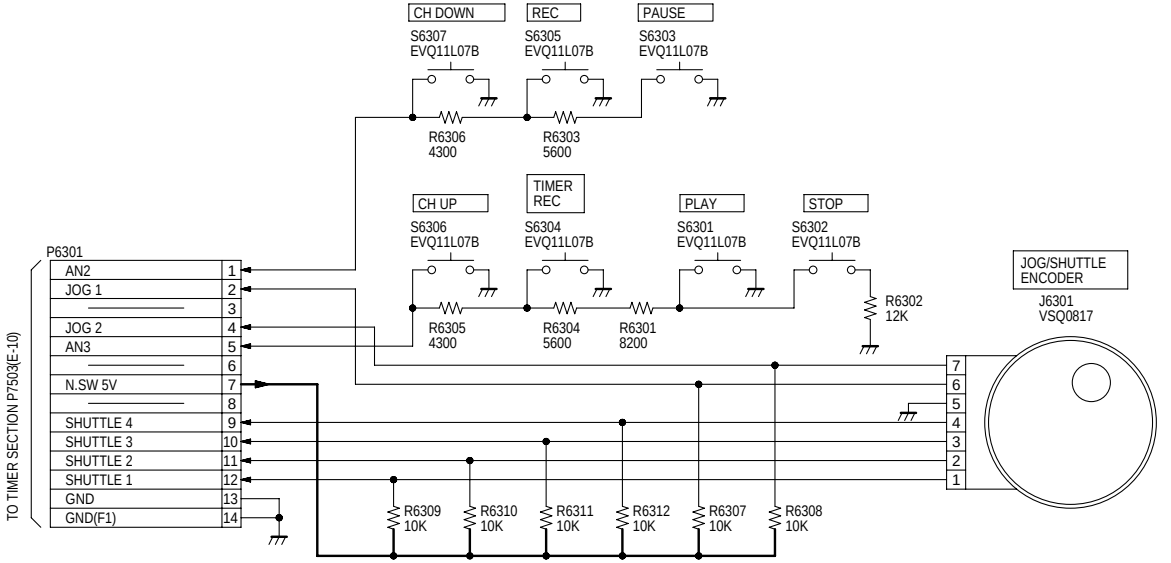
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

AV1 (TV)

1	AUDIO OUT (R)
2	AUDIO IN (R)
3	AUDIO OUT (L)
4	GND (A)
5	GND
6	AUDIO IN (L)
7	BLUE
8	PB +12V
9	GND
10	CONTROL
11	GREEN
12	
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

AV2 (DECODER/EXT)

1	AUDIO OUT (R)
2	AUDIO IN (R)
3	AUDIO OUT (L)
4	GND (A)
5	GND
6	AUDIO IN (L)
7	BLUE
8	PB +12V
9	GND
10	IIC CLOCK
11	GREEN
12	IIC DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND



NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU OEDER A PART,PLEASE REFER TO PARTS LIST.

B

A

1 2 3 4

AUDIO SIGNAL PATH

L7302 1u
C7302 6V100
X7302 VSX0953
C7316 0.1
R7327 8200
R7325 0
TEST1 (22) 3.3
VDDA2 (21)
VSSA2 (20)
VDDR2 (19)
2.0
1 REF (18)
TEST2 (17)
TP3 (16)
1.6
XTAL I (15)
1.6
XTAL O (14)
ADDR1 (13)
0.4
PCLK (12)

PK7301
TO POWER SUPPLY/RF SECTION PK7301 (C-10)
QPSK/SIF 1
GND 2
TUNER AUDIO (N) 3
4
5
6
TUNER 5V 7
1.6
0
4.9
C7307 0.01
R7302 0
C7311 0
L7301 0

IC7302
PST7043
(RESET)
IN (1) GND (2) OUT (3)
4.9 4.9

C7315 0.1
2.0 SIF2 (23)
2.0 VREF1 (24)
2.0 SIF1 (25)
4.9 CRESET (26)
VSSA3 (27)
4.9 VDDA3 (28)
4.9 SCL (29)
4.6 SDA (30)
1.2 SDO (31)
1.2 WS (32)
1.2 SCK (33)

INPUT SWITCH AGC, ADC
FM/AM DEMODULATION
IDENTIFI-CATION
IIC BUS INTERFACE
IIC BUS INTERFACE
NICAM DEMODULATION
DEMATRIX
NICAM DECODER
2 CHANNEL ANALOG/ SATELLITE DECODER
DIGITAL SELECTOR
LEVEL ADJUST
POST FILTER 3 DACS
2 CHANNEL OUTPUT BUFFERS
ANALOG CROSSBAR SWITCH
MONO CHANNEL OUTPUT BUFFERS

TP1 (11)
NICAM (10) 0.4
TP2 (9)
VDEC2 (8) 0
VSSD2 (7)
VDDD1 (6) 4.8
VSSD1 (5)
VSSA1 (4)
VDDA1 (3) 4.9
OUT R (2) 2.5
OUT L (1) 2.5

LB7301 0
C7325 0.1
C7324 0.1

C7308 50V2.2
C7312 0.1
R7305 100
R7306 100
C7305 33P
C7306 33P

FL7301 VLF0633
C7304 6V100
C7341 4700P
C7303 0.01
C7342 4700P

PK7302
TO POWER SUPPLY/RF SECTION PK7302 (B-10)
OSD IIC CLOCK 1
OSD IIC DATA 2
3
TUNER AUDIO (R) 4
GND 5
TUNER AUDIO (L) 6
4.8
4.6
0
0

SYS CLK (34) 1.2
VDDD3 (35) 4.8
VSSD3 (36)
P1 (37) 4.9
MONO IN (38) 2.4
EXTIR (39) 2.4
EXTIL (40) 2.4
VREF2 (41) 2.4
P2 (42) 4.9
OUT M (43) 2.5
VSSA4 (44)

IC7301
TDA9874AH

R7316 10K
LB7303 0
TL7301
C7313 0.1
TL7303
C7318 6V47
TL7304
R7324 220
C7317 16V10
R7328 220
C7319 16V10
R7329 220
C7320 16V10

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

IC7702
M27C4001BDBD

IC7701
M306H0SFP

PS7701
25Hz
AV2 PB
FSC
VIDEO OUT
GND
Y/C VIDEO OUT
GND

TO LUMINANCE & CHROMINANCE/ AUDIO SECTION PP7703(E-28)

PS7703
SAT IR
SYS BUS TLK
GND(D)
SYS BUS CLK
OSD CS
SYS BUS LSN
P.FAIL
OSD 5V
N.SW 5V
PROJ.50
PROG
MODE
OSD IIC DATA
OSD IIC CLOCK

TO LUMINANCE & CHROMINANCE/ AUDIO SECTION PP7703(E-28)

Q7710 2SD601A (AMP)
Q7712 2SD601A (INV.)
Q7711 2SD601A (INV.)
Q7705 2SD601A (AMP)
Q7704 2SD1819A (AMP)
Q7706 2SB709A (AMP)
Q7703 2SD1819A (AMP)
Q7709 2SB1218A (AMP)
Q7719 2SD601A (AMP)
Q7707 2SB1218A (AMP)

X7701 VSX1043

TL7702
TL7701

IIC DATA
IIC CLK
SAT IR
LANK OUT
LANK IN
25Hz
CID
INT0 SLICEON
INT1 P50
INT2 CS-TBUS
NMI
VCC
XIN
VSS
XOUT
RESET
CNVSS
BYTE
JOG2
JOG1
SHUTTLE 4
SHUTTLE 3
SHUTTLE 2
SHUTTLE 1
PROG
VSS3
CVIDEO2
CVIN2
SYNC/HOR
SECAMIN
CVIN1

VSS1 SLICEON GRAY R G B BLNK CSYN EDO1 EDO2 VDD1 P6.4 SYS LSN SYS TLK SYS CLK P50 OUT P5.7 P5.5 /RD /WR /CS2 /CS1 /CS0

VDD3 VSS3 VDD2 CVIDEO1 VSS2 SVREF FSCIN LP2 LP1 LP4 LP3 VERT VSS1 VDD1 SCREEN AVCC VREF AV2 PB AVSS DC R CH DC L CH MODE SM BW BOX FSCREEN D0 D1 D2 D3 D4 D5 D6 D7

RX7702 100(X4)
RX7703 100(X4)
RX7704 100(X4)
RX7705 100(X4)
RX7708 100(X4)
RX7709 100(X4)

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

(B11) L7706 10u

C7757 6V100

(B12) C7745 0.1

(B13)

(B14)(B15)(B16)(B17)(B18)

(B4)(B7)(B6)(B12)

(B19)(B20)(B21)(B22)

C7701 0.1

C7735 0.1

R7840 5600

R7839 5600

R7838 5600

R7835 1800

R7836 1800

R7837 1800

R7842 100

R7841 100

R7756 100

R7754 100

R7755 100

R7784 4700

R7785 4700

R7848 560

R7786 100

R7785 100

R7784 100

TL7702

TL7701

R7735 100K

Q7710 2SD601A (AMP)

C7732 220P

R7736 220

D7701 1SS355

R7732 27K

R7734 4700

R7733 47K

Q7712 2SD601A (AMP)

R7738 2.2M

R7737 220K

Q7711 2SD601A (INV.)

C7733 220P

R7739 100K

R7770 100

R7769 100

R7776 100

R7702 100 (762)

R7858 100

R7711 4700

C7750 27P

R7760 0

X7701 VSX1043

C7749 27P

C7739 0.1

R7786 4700

R7712 4700

R7866 2200 (712)

R7772 100 (762)

R7773 100

R7864 100

R7863 100

R7862 100

R7861 100

R7780 100

C11

C12

R7723 39K

C13

Q7715 2SD601A (AMP)

R7809 510

R7808 470

R7810 1K

Q7708 2SB709A (AMP)

R7807 0

IC7701 M306H0SFP

L7704 39u

C7730 6V100

C7705 0.1

L7705 100u

C7737 6V100

C7736 0.1

C7784 0.1

L7701 39u

C7709 6V47

L7712 100u

C7783 6V220

C7786 0.1

C7725 0.1

R7816 100

R7762 100

R7759 100

R7758 100

RX7702 100(X4)

RX7703 100(X4)

RX7704 100(X4)

RX7705 100(X4)

RX7708 100(X4)

RX7709 100(X4)

C7719 0.1

R7708 510

R7714 47P

R7707 470

R7712 0.01

R7710 510

R7718 470P

R7709 510

R7716 470P

C7713 0.01

C7711 1

C7717 1

C7715 1

R7816 100

R7846 100

R7767 100

PS7701

25Hz	1	2.5 (B10)
AV2 PB (H)	2	0 (C1)
FSC	3	2.5 (C2)
V.EE (L)	4	0 (C3)
VIDEO OUT	5	1.1 (C4)
GND	6	
Y/C VIDEO OUT	7	1.3 (C5)
GND	8	
Y/C VIDEO IN	9	3.3
GND	10	
VIDEO IN	11	2.4 (C6)

TO LUMINANCE & CHROMINANCE/ AUDIO SECTION PP7701(G-28)

PS7702 (4PIN:712 11PIN:762)

LANC	1	5.1 (B9)
JOG 2	2	5.1
JOG 1	3	5.1
SHUTTLE 4	4	0
SHUTTLE 3	5	0
SHUTTLE 2	6	5.1
SHUTTLE 1	7	5.1
GND(A)	8	
AC L CH	9	4.1 (C7)
AC R CH	10	4.1 (C8)
SW 12V	11	12.1

TO LUMINANCE & CHROMINANCE/ AUDIO SECTION PP7702(F-28)

PS7703

SAT IR	1	5.0 (B8)
SYS BUS TLK	2	4.5 (B7)
GND(D)	3	
SYS BUS CLK	4	4.4 (B6)
OSD CS	5	2.4 (B5)
SYS BUS LSN	6	4.2 (B4)
P.FAIL (L)	7	5.1
OSD 5V	8	5.1
N.SW 5V	9	5.1
PROJ.50	10	4.3
PROG (H)	11	0 (C9)
MODE	12	5.1 (C10)
OSD IIC DATA	13	4.6 (B3)
OSD IIC CLOCK	14	4.8 (B2)

TO LUMINANCE & CHROMINANCE/ AUDIO SECTION PP7703(E-28)

0	37	VSS1	
0.3	38	SLICEON	
4.9	39	GRAY	
0	40	R	
0	41	G	
0	42	B	
0	43	BLNK	
0	44	CSYN	
0	45	ED01	
0	46	ED02	
5.1	47	VDD1	
0	48		
0	49		
0	50		
0	51		
0	52		
0	53	P6.4	
5.0	54	SYS LSN	
4.6	55	SYS TLK	
4.5	56	SYS CLK	
0	57	P50 OUT	
5.1	58	P5.7	
0	59	P5.6	
5.1	60	P5.5	
5.1	61		
2.3	62		
5.1	63	/RD	
5.1	64		
5.1	65	/WR	
0	66		
5.1	67	/CS2	
5.1	68	/CS1	
5.1	69	/CS0	
0	70		
0	71		
0	72		
0	73		
0	74		
0	75		
5.1	76	A19	
5.1	77	A18	
5.1	78	A17	
5.1	79	A16	
5.1	80	A15	
5.1	81	A14	
5.1	82	A13	
5.1	83	A12	
5.1	84		
5.1	85	A11	
5.1	86	A10	
5.1	87	A9	
5.1	88	A8	
5.1	89	VSS	
5.1	90	A7	
5.1	91	A6	
5.1	92	A5	
5.1	93	A4	
5.1	94	A3	
5.1	95	A2	
5.1	96	A1	
5.1	97	A0	
0.4	98	D15	
0.4	99	D14	
0.4	100	D13	
0.4	101	D12	
0.4	102	D11	
0.4	103	D10	
0.4	104	D9	
0.4	105	D8	
0	106		
0	107		
0	108		

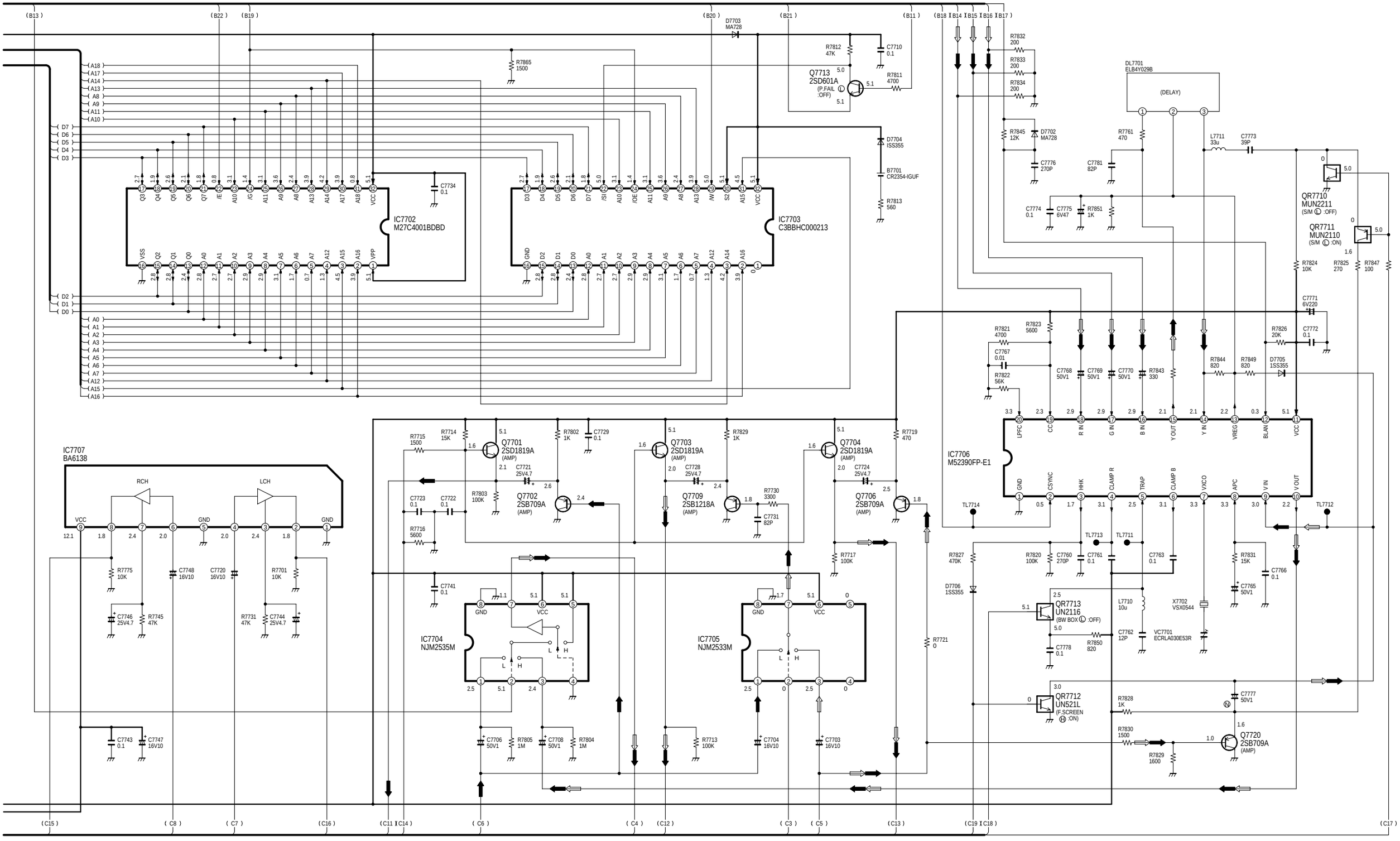
5.1	36	IIC DATA	(B3)
5.1	35	IIC CLK	(B2)
5.0	34	SAT IR	(B8)
0	33		
0	32		
0	31		
5.1	30	LANC OUT	(B9)
	29	LANC IN	
2.5	28	25Hz	(B10)
5.1	27	CID (L)	
0.3	26	INT0 SLICEON	
5.1	25	INT1 P50	
2.4	24	INT2 CS-TBUS	(B5)
5.1	23	NMI	
5.1	22	VCC	
2.3	21	XIN	
	20	VSS	
2.6	19	XOUT	
5.1	18	RESET (L)	
0	17		
0	16		
5.1	15	CNVSS	
5.1	14	BYTE	
5.1	13	JOG2	
5.1	12	JOG1	
0	11	SHUTTLE4	
0	10	SHUTTLE3	
5.1	9	SHUTTLE2	
5.1	8	SHUTTLE1	
0	7	PROG (H)	
	6	VSS3	
2.1	5	CVIDEO2	
2.1	4	CVIN2	(C11)
2.0	3	SYNC/HOR	(C12)
0	2	SECAMIN	
2.0	1	CVIN1	(C13)

5.1	44	VDD3	
	43	VSS3	
5.1	42	VDD2	
2.0	41	CVIDEO1	
	40	VSS2	
1.3	39	SVREF	
0.2	38		
2.3	37	FSCIN	
0.2	36		
2.0	35	LP2	
2.0	34	LP1	
1.9	33	LP4	
1.8	32	LP3	
	31	VERT	
	30	VSS1	
5.1	29	VDD1	
0	28	SCREEN (H)	
5.1	27	AVCC	
5.1	26	VREF	
0	25	AV2 PB (H)	
	24	AVSS	
1.8	23	DCR CH	
1.8	22	DCL CH	
5.1	21	MODE	
0	20		
5.1	19	SIM (L)	
5.1	18	BOX (L)	
0	17	FSCREEN (H)	
0.4	16	D0	
0.4	15	D1	
0.4	14	D2	
0.4	13	D3	
0.4	12	D4	
0.4	11	D5	
0.4	10	D6	
0.4	9	D7	

(C9) (C14)(C2) (C1)(C15)(C16)(C10) (C17)(C18)(C19)

1 2 3 4 5 6 7 8 9 10 11 12

G F E D C B A



NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

CAUTION

THE STRIPED FRAME INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

HOT

P1101 VJS3306
AC INLET
F1101 XBA2C16TH15
C1104 1000P
LB1101 0
L1107 ELF15N005A
L1108 ELF17N004A
C1118 0.1
R1122 330K
C1119 0.1
LB1102 0
C1101 1000P
D1102 S1WBA60S
LB1103 0
C1120 400V 33
LB1104 0
LB1106 0
C1106 0.1
D1109 ERA15-08V5
D1110 ERA15-08V5
C1103 1000P
R1105 3.9M
R1106 4.7M
C1114 35V47
D1130 MA7300B
D1118 RD100E
R1102 39K
C1108 47P
C1109 0.01
D1103 AP01CV2
R1115 33
D1104 MA185
R1110 10K
D1106 MA4220H
IC1101 STRM6559LF14
START
O.V.P
LATCH
DRIVE
REG
TRIGER
T.S.D
O.S.C
O.C.P
LB1105 VLP0074
R1109 1500
R1111 180
R1112 330
R1113 1
R1114 3300
D1107 1SS254
C1112 8200P
R1108 100
D1105 MA700
R1107 220K
C1110 6V330
C1111 1000P
T1101 VLT0940
PT
P1
P2
NC
V1
V2
NC
S9
S8
S7
S3
S4
S6
S1
S2
S5
Q1111 CNX82A5387
R1101 560
R1125 270
R1121 2700
R1120 2700
R1119 8200
IC1102 uPC1093J
C1102 0.1
R1116 2700
(617/712)
PLAY S7511 EVQ11L07B
REW S7512 EVQ11L07B
T.REC S7513 EVQ11L07B
FF S7514 EVQ11L07B
STOP S7515 EVQ11L07B
(617) C1113 39K
D1113 RK36LF-C4
(712/762) C1116 100P
D1125 11EQS04
IP1101 VSF0015A10T
(712/762) L1101 22u
C1105 0:617 10V1200: 712/762
C1117 10V330
C1143 10V330
C1144 0.01
C1145 0.01
D1114 RK36LF-C4
C1142 100P
D1124 ERA22-04
C1140 50V100
C1134 10V2200: 617 10V1200: 712/762
L1122 22u
L1124 100u
C1135 10V330
C1141 0.01
C1133 100P
D1121 RL2ZPLF-C4
C1131 25V680
L1121 22u
L1123 100u
C1132 25V330
C1138 0.01
C1139 100P
D1123 ERA22-04
C1137 63V47
P1103
1 AN3
2 F1(GND)
3 AN2
4 ANF
5 S SW
6 N.SW -29V
7 UNREG 6V
8 HEATER(+)
9 UNREG 5.6V
10 HEATER(-)
11 UNREG 36V
12 GND
13 GND
14 GND(MOTOR)
15 UNREG 14V
16 ———
TO POWER SUPPLY/RF SECTION P1001(E1)

NOTE:THE MEASURMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE1:WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT,SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE..... ⏚
SECONDARY SIDE... ⏚

NOTE2:THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 240V.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
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NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓘ :TO INPUT/OUTPUT SECTION
Ⓗ :TO HEAD AMP SECTION
Ⓣ :TO TIMER SECTION

VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

Q1001 2SD601A (FIP ON/OFF CONTROL)
Q1002 2SD602A (FIP ON/OFF CONTROL)
Q1009 2SD1996 (12V REG.)
IP7801 UNH000300A
Q7801 2SD1996 (5V REG.)
TU7601 TUNER UNIT ENG47310G1

Ⓢ FIP Ⓛ
Ⓣ S SW
Ⓣ AN2
Ⓣ AN3
Ⓣ FIP -29V
Ⓣ HEATER (-)
Ⓣ HEATER (+)
Ⓥ SW 12V
Ⓢ POWER OFF Ⓗ
Ⓥ OSD 5V
Ⓢ Ⓣ REG 5V
Ⓥ Ⓗ VIDEO 5V
Ⓢ SLEEP Ⓛ
Ⓥ Ⓘ PS 12V
Ⓥ Ⓘ VIDEO N.SW 5V

QR1001 MUN2112 (FIP Ⓛ :ON)
QR1003 UN2212 (POWER OFF Ⓗ : ON)

P1001 — TO POWER P1102(F-10)
AN3 1
GND 2
AN2 3
ANF 4
S SW 5
N.SW -29V 6
UNREG 6V 7
HEATER (+) 8
UNREG 5.6V 9
HEATER (-) 10
UNREG 36V 11
GND 12
GND 13
GND(MOTOR) 14
UNREG 14V 15
16

Q1004 2SB710A (POWER SAVE:OFF)
Q1005 2SD1996 (12.3V REG.)
Q1010 2SD601A (VOLTAGE CONTROL)
QR1002 MUN2211 (SLEEP Ⓛ:OFF)
Q1202 2SD1996 (5V REG.)
Q1201 2SD1996 (5V REG.)
IP1001 UNH000300A
IP1002 UNH000300A
IP1201 UNH000300A
IP1202 UNH000300A
IC1001 PQ20VB2E (IN OUT GND ON/OFF)
IC1201 UPC1093J
Q1203 2SD601A (CURRENT LIMITER)
Q1007 2SD602A (5V REG.)
Q1003 2SD1996 (5V REG.)
Q1006 2SD1996 (5V REG.)
QR1005 MUN2211 (SLEEP Ⓗ :ON)

Ⓢ Ⓘ GND
Ⓗ Ⓣ GND
Ⓥ Ⓘ Ⓣ GND (A)
Ⓢ GND (FG)
Ⓢ GND (MOTOR)
Ⓢ GND (CYL)
Ⓥ GND (D)
Ⓣ UNREG 14V
Ⓢ Ⓘ PS 14V
Ⓢ SLEEP Ⓗ
Ⓢ UNREG 5.6V
Ⓥ CURR.LIMIT
Ⓢ Ⓘ PS 5V
Ⓥ BIAS 5V
Ⓢ Ⓣ N.SW 5V
Ⓥ TUNER AUDIO (R) A1
Ⓥ TUNER AUDIO (L) A2
Ⓢ AUDIO DEF Ⓗ A3
Ⓥ OSD IIC DATA A4
Ⓥ OSD IIC CLOCK A5
Ⓥ TUNER AUDIO (N) A6
Ⓘ TUNER VIDEO A7
Ⓢ AFC S-CURVE A8
Ⓢ SW2 A9
Ⓢ SYS IIC CLOCK A10
Ⓢ SYS IIC DATA A11
Ⓥ RFC AUDIO OUT A12
Ⓥ VIDEO OUT A13

TU7601 TUNER UNIT ENG47310G1
1 N.SW 5V
2 GND
3 DATA
4 CLOCK
5 PS 5V
6 VIDEO OUT
7 AUDIO OUT
8
9 BT
10
11 CLOCK
12 DATA
13
14 TUNER 5V
15 SW1
16 REG 5V
17 IF OUT
18 IF IN

DU7601
19 SW1 PK0701-1
20 SW2 PK0701-2
21 ——— PK0701-3
22 SIF/QPSK PK0701-4
23 AFC S-CURVE PK0701-5
24 TUNER VIDEO PK0701-6
25 TUNER 5V PK0701-7
26 ——— PK0701-8
27 GND PK0701-9
TO TV DEMODULATOR PACK PK0701(D-1)

PK7301
1 SIF/QPSK
2 GND
3 TUNER AUDIO (N)
4 ———
5 ———
6 ———
7 TUNER 5V
TO NICAM DECODER PACK PK7301(D-1)

PK7302
1 OSD IIC CLOCK
2 OSD IIC DATA
3 ———
4 TUNER AUDIO (R)
5 GND
6 TUNER AUDIO (L)
TO NICAM DECODER PACK PK7302(C-1)

Q7601 2SD601A (MUTE)
Q7604 2SD601A (MUTE)
Q7606 2SD601A (MUTE)
Q7605 2SB709A (BUFFER)

IMPORTANT SAFETY NOTICE:
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NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

Ⓟ :TO POWER SUPPLY/RF SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓘ :TO INPUT/OUTPUT SECTION
Ⓗ :TO HEAD AMP SECTION
Ⓣ :TO TIMER SECTION

CAPSTAN SERVO SPEED LOOP
CAPSTAN SERVO PHASE LOOP
CYLINDER SERVO SPEED LOOP
CYLINDER SERVO PHASE LOOP

G F E D C B A

1 2 3 4 5 6 7 8 9 10

(A1) (A7) (A8) (A16) (A17) (A9) (A10) (A13) (A14)

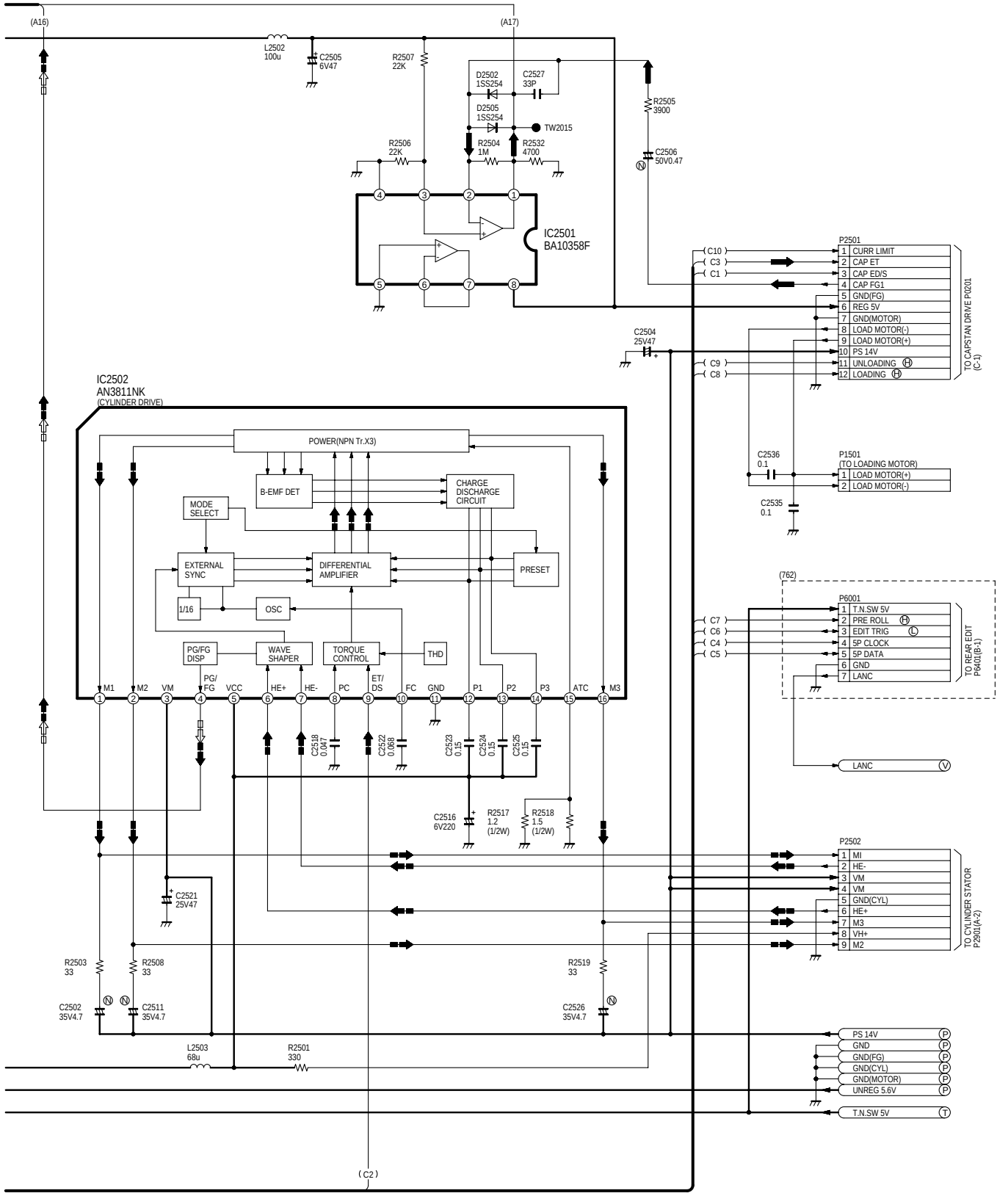
Ⓟ REG 5V
Ⓟ PS 5V
Ⓟ AUDIO DEF Ⓗ (A1)
Ⓟ AFC S-CURVE
Ⓥ CTL HEAD(+) (A7)
Ⓥ CTL HEAD(-) (A8)
Ⓥ C SYNC (A9)
Ⓥ SHORT DET Ⓛ (A10)
Ⓟ Ⓥ SYS IIC DATA (A13)
Ⓟ Ⓥ SYS IIC CLOCK (A14)

Ⓗ TRACKING ENV. (B1)
Ⓥ FREQ.ADJ. (B2)
Ⓥ ART V/H/N (B2)
Ⓣ IR (B3)
Ⓥ ROTARY SW (B4)
Ⓗ ENV.SELECT (B5)
Ⓥ FM REC MUTE Ⓛ (B7)
Ⓥ V.EE Ⓛ (B8)
Ⓥ BIAS Ⓗ (B10)
Ⓗ H.AMP SW (B10)
Ⓥ V.SYNC Ⓛ (B12)
Ⓥ FULL ERASE Ⓗ (B13)
Ⓟ FIP Ⓛ (B14)
Ⓥ Ⓣ OSD/FIP CS (B15)
Ⓗ HEAD SW (B15)
Ⓥ A.HEAD SW (B17)
Ⓣ POWER SW (B17)
Ⓗ D.REC Ⓗ (B18)
Ⓣ RESET Ⓛ (B18)
Ⓣ P FAIL Ⓛ (B19)
Ⓥ Ⓣ SYS BUS CLK (B21)
Ⓥ Ⓣ SYS BUS LSN (B22)
Ⓥ Ⓣ SYS BUS TLK (B23)
Ⓥ YMO Ⓗ (B24)
Ⓟ SW2 (B27)
Ⓥ D.A.REC Ⓗ (B27)
Ⓟ POWER OFF Ⓗ (B30)
Ⓟ SLEEP Ⓛ (B32)
Ⓟ Ⓘ SLEEP Ⓗ (B33)
Ⓥ Ⓗ LP Ⓗ (B34)
Ⓥ CAL Ⓗ (B34)
Ⓥ MUTE Ⓗ
MODE SW S1501 VSS0520 (B36) (B37) (B38)
Ⓟ N.SW 5V
Ⓣ BACK UP 5V
(B39)

C6011 6V47
L6001 220u
C6021 0.022
R6064 8200
QR6004 MUN2212 (D.A REC Ⓗ :ON)
R6035 1K
C6024 0.1
D6001 MA700
R1504 120
C1501 220P
Q1502 PNB2301MAV (S-PHOTO)
D1501 SIR505S SENSOR
Q1501 PNB2301MBV (T-PHOTO)
R6038 43K
R6036 100
R6039 39K
C6022 0.01
TL6010
R6005 10K
R1506 27K
R1505 39K
R6031 27K
R6011 10K
R2513 270K
C6026 0.1
R6007 27K
C6013 16V10
R6006 1K
C6012 1000P
TW2001
R6003 1K
R6027 15K
D6002 MA700
C6018 1000P
D6003 MA700
QR6003 MUN2212 (CAL Ⓗ :ON)
QR6007 MUN2113 (FM MUTE:ON)
QR6006 MUN2213 (FM MUTE Ⓗ :ON)
R6017 220
D6004 RB441P

IC6001 M37777VFGC

| | | |



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Ⓟ :TO POWER SUPPLY/RF SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION
Ⓘ :TO INPUT/OUTPUT SECTION

DP7501
VSL0533

S-VHS ET CH SAT CVC VCR XP EP LP SP ON OFF
REMAIN
REC

Ⓟ HEATER(+)
Ⓟ HEATER(-)
R7502 2K
R7503 2K
C7502 50V10
D7521 MA4220NM
R7501 15
R7549 15
C7501 0.01
Ⓟ FIP -29V
Ⓟ GND

(762)
INSERT
S7518 EVQ11L07B
R7537 20K
A.DUB
S7517 EVQ11L07B

(617/712)
Ⓟ AN3
Ⓟ AN2
Ⓟ S SW
R7509 8200
R7514 8200
R7530 8200
REC/ OTR
PAUSE
EJECT
R7510 5600
S7503 EVQ11L07B
R7515 5600
S7507 EVQ11L07B
R7504 5600
S7516 EVQ11L07B
R7535 12K
CH DOWN
CH UP
DIRECT TV REC
R7511 4300
S7504 EVQ11L07B
R7516 4300
S7506 EVQ11L07B
R7505 4300
S7509 EVQ11L07B

IC7501
M35500AFP
SEG 10 SEG 11 SEG 12 SEG 13 SEG 14 SEG 15 SEG 16 SEG 17 P7 P6 P5
SEG 9 SEG 8 SEG 7 SEG 6 SEG 5 SEG 4 SEG 3 SEG 2 SEG 1 SEG 0 VDD
P4 P3 P2 P1 P0 VEE VEE SCLK SD OUT SD IN CS
VDD X OUT VSS X IN RESET AN5 AN4 AN3 AN2 AN1 AN0

R7517 100
R7512 100
C7506 47P
R7533 30K
R7525 30K
R7524 30K
R7523 30K
R7521 10K
R7520 10K

(762)
P7503
1 AN2
2 JOG 1
3
4 JOG 2
5 AN3
6
7 N.SW 5V
8
9 SHUTTLE 4
10 SHUTTLE 3
11 SHUTTLE 2
12 SHUTTLE 1
13 GND
14 F1(GND)
TO JOG/SHUTTLE P6301(B-1)

SHUTTLE 1 Ⓥ
SHUTTLE 2 Ⓥ
SHUTTLE 3 Ⓥ
SHUTTLE 4 Ⓥ
JOG 2 Ⓥ
JOG 1 Ⓥ

R7526 0
R7528 0
R7522 0
R7519 0
R7518 0
R7513 0
(617/712)

POWER
S7510 EVQ11L07B
Ⓢ POWER SW
R7545 22K

IC7503
RN5VD28AA
(RESET)
Ⓢ RESET Ⓛ
C7509 0.01
R7540 10K
C7515 6V220
C7514 VCE0073
R7527 180
Ⓢ BACK UP 5V
OUT VDD GND CD
C7519 0.068

IC7504
PNA4611M02VT
(IR RECEIVER)
R OUT GND VCC

IC7502
S80743AL
(RESET)
RST VDD VSS

C7505 0.1
D7501 0
L7501 0
Ⓟ N.SW 5V

Ⓢ Ⓥ P.FAIL Ⓛ
Ⓢ OSD/FIP CS
Ⓢ SYS BUS TLK
Ⓢ SYS BUS LSN
Ⓢ SYS BUS CLK
Ⓢ IR
Ⓢ T.N.SW 5V

R7506 3300
R7507 3300
R7508 3300
C7518 100P
C7517 100P

Q7501
2SB709A
(INV.)
R7532 3300
R7531 3300
REG 5V Ⓟ

SAT IR Ⓥ
FRONT VIDEO Ⓘ
FRONT AUDIO(R) Ⓥ
FRONT AUDIO(L) Ⓥ
UNREG 14V Ⓟ
GND(A) Ⓟ

P7502
1 FRONT AUDIO(L)
2 GND(A)
3 FRONT AUDIO(R)
4 GND(A)
5 FRONT VIDEO
6
7 UNREG 14V
8 SAT IR
TO AV FRONT P6501 (B-1)

TH7501
VRT0162M220
C7520 0.1
R7529 470
R7536 10K
Q7502
2SD973
(SAT LED DRIVE)

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F E D C B A
1 2 3 4 5 6 7 8 9 10

VIDEO SIGNAL PATH

AUDIO SIGNAL PATH

LB0701
VLP0147

R0713
0

R0740
270

R0717
470

R0711
180

R0745
3.3M

T0701
EQV5EC081P

R0732
4700

R0731
100

R0714
5600

C0724
220P

C0707
50V2.2

R0726
68K

C0706
50V1

R0727
0

C0719
0.1

C0708
50V
0.47

C0717
33P

3.1 2.4 1.6 3.0 2.7 2.2 3.3 4.3 4.3 0.5 2.5 1.1

1 2 3 4 5 6 7 8 9 10 11 12

BPF

AMP SW

EQ AMP

TRAP

LPF

VCO

FLL

BPF

AGC

AFT AMP

LIM AMP

VIDEO DET

APC DET

1ST SIF DET

S PLL

FM DET

FIL CONT

VIF AMP

IF AGC

1ST AMP

DEEMPHP

RF AGC

IC0701
LA75503

2.6 2.4 2.2 3.3 2.8 2.8 5.0 1.6 0.1 4.0 2.4

24 23 22 21 20 19 18 17 16 15 14 13

C0716
0.022

D0702
MA77

C0701
1

C0713
6V330

C0704
0.033

R0705
3600

R0708
10K

C0714
1

VR0701
10KB

R0707
39K

C0702
1000P

C0703
1

R0719
4700

C0712
0.1

R0742
150

Q0702
2SD601A
(AMP)

3.6

3.3

2.6

R0741
220

C0721
56P

R0743
1K

PK0701

DU7601-15	SW1	1
DU7601-16	SW2	2
DU7601-17	———	3
DU7601-18	SIF/QPSK	4
DU7601-19	AFC S-CURVE	5
DU7601-20	TUNER VIDEO	6
DU7601-21	TUNER 5V	7
DU7601-22	———	8
DU7601-23	GND	9

TO POWER SUPPLY/
RF SECTION DU7601
(D-10)

0.5
2.5
1.6
2.4
2.6
5.0

X0704
VLF1497

10 8 7 6

1 2 3 4 5

L0701
0.27u

X0702
VLF1431

X0701
VLF1430

C0710
0.01

L0703
2.2u

R0725
100

C0715
3P

C0711
16V22

R0715
22K

R0709
100K

PP0701
(TO TUNER UNIT)

4MHz	1
AGC	2
IF	3
GND	4

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F E D C B A

1 2 3 4 5 6 7 8

Ⓟ :TO POWER SUPPLY/RF SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓘ :TO INPUT/OUTPUT SECTION
Ⓗ :TO HEAD AMP SECTION
Ⓣ :TO TIMER SECTION

VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

P4003 (TO A/C HEAD)
AUDIO ERASE IN 1
GND 2
A.HEAD (R) 3
A.HEAD (W) 4
CTL HEAD (-) 5
CTL HEAD (+) 6

R4060 10K
C4070 220P
T4001 EQQ7QF026P
C4068 0.15
C4074 4700P
R4061 3300
0.3 (-0.6)
0.4 (4.7)
Q4007 2SD602A (OSC)
L4007 68u
C4072 6V220
C4073 0.022
0.4 (4.9)
5.4 (4.3)
Q4006 2SB710 (AUDIO ERASE DRIVE)
R4062 2700
C4075 10V22
R4063 3300
5.5 (0)
5.0
R4073 4700
0 (4.8)
QR4004 MUN2212 (BIAS Ⓗ :ON)

Ⓢ CTL HEAD (+)
Ⓢ CTL HEAD (-)
Ⓢ SHORT DET Ⓛ
Ⓢ BIAS Ⓗ
Ⓢ FULL ERASE Ⓗ

P4002 (TO FULL ERASE HEAD)
FULL ERASE GND 1
FULL ERASE IN 2

T4002 EQQ7QF025P
C4076 0.022
C4079 2200P
R4064 6800
0.3 (-1.1)
0.3 (4.8)
Q4005 2SD602A (OSC)
L4006 68u
C4078 0.022
0.3 (5.0)
5.4 (4.3)
Q4004 MSB710 (FULL ERASE DRIVE)
R4065 4700
C4080 10V22
R4066 6800
5.5 (0)
5.0
C4077 6V47
0 (4.8)
QR4003 MUN2212 (FULL ERASE Ⓗ :ON)
D4001 1SS254

Ⓟ CURR.LIMIT
Ⓟ TUNER AUDIO (L) (A3)
Ⓟ TUNER AUDIO (R) (A4)
Ⓗ AUDIO HEAD R (A5)
Ⓗ AUDIO HEAD COM (A6)
Ⓗ AUDIO HEAD L (A7)
Ⓢ A.HEAD SW (A8)
Ⓢ SYS IIC DATA (A9)
Ⓢ SYS IIC CLOCK (A10)
Ⓢ FM REC MUTE Ⓛ (A11)
Ⓘ AUDIO IN1 (L) (A12)
Ⓘ AUDIO IN1 (R) (A13)
Ⓘ AUDIO IN2 (L) (A14)
Ⓘ AUDIO IN2 (R) (A15)
Ⓣ FRONT AUDIO (L) (A16)
Ⓣ FRONT AUDIO (R) (A17)
Ⓟ RFC AUDIO OUT (A18)
Ⓘ AUDIO OUT1 (L) (A19)
Ⓘ AUDIO OUT1 (R) (A20)
Ⓘ AUDIO OUT2 (L) (A21)
Ⓘ AUDIO OUT2 (R) (A22)
Ⓢ D.A.REC Ⓗ (A23)
Ⓢ YMO Ⓗ (A24)
Ⓢ MUTE Ⓗ (A25)
Ⓟ TUNER AUDIO (N) (A26)
Ⓗ REC Y+C (A27)
Ⓢ FREQ.ADJ. (A28)
Ⓗ RF Y+C (A29)
Ⓢ V.SYNC Ⓛ (A30)
Ⓢ LP Ⓗ (A31)
Ⓢ ROTARY SW (A32)
(A35)
(A36)

Ⓟ BIAS 5V
Ⓟ PS 12V

C4047 16V10
R4037 2200
R4036 6800
Q4501 2SB709A (CURRENT LIMITER)
IC4001 NJM4558M
VSS
VCC
R4038 150K
R4069 150K
R4067 6800
R4068 2200
C4049 2200P
C4050 2200P
R4039 150K
R4070 150K
C4048 16V10
C4045 0.01
C4046 16V10
R4540 2.2
(A3)
(A4)

C4526 5600P
R4524 3300
C4527 16V10
R4525 39K
C4525 16V47
C4524 16V10
C4523 50V2.2
R4523 39K
C4522 16V10
C4521 16V47
R4522 3300
C4520 5600P
R4521 39K
C4519 16V10
3.9 3.9 3.9 0.8 3.9 3.8 0.8 3.9 3.9 3.9
33 32 31 30 29 28 27 26 25 24 23
VREF IREF GND
LPF-PNR(R CH)
LPF-PNR(L CH)

L4501 10u
C4528 0.1
C4529 16V47
12.2
34 VCC
0.6 (4.4)
35
(A5)
TW4501
0.6 (4.3)
36
(A6)
C4530 0.1
0.6 (4.4)
37
(A7)
C4531 0.01
0 (4.3)
38
R4526 220
C4532 560P
39
C4533 0.1
C4534 6V330
5.1
40
0
41 AUDIO HEAD SW
(A8)
R4529 390
3.1
42
(A9)
R4530 390
3.2
43
(A10)
TW4502
R4539 22K
C4540 1000P
3.1
44 ENV. OUT
AUDIO HEAD AMP
BPF
LPF
FM MODULA-TOR/ DEMODU-LATOR
BPF
LPF
FM MODULA-TOR/ DEMODU-LATOR
IIC BUS INTERFACE
MUTE/ SELECT SW/ VOLUME CONTROL
INPUT SELECT SWITCH
SAP TU (L) TU (R) E1 (L) E1 (R) E2 (L) E2 (R)
1 2 3 4 5 6 7 8 9 10 11
3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8
IC4501 TDA9605H
C4501 50V 0.47
C4502 50V 0.47
C4505 50V 0.22
C4506 50V 0.22
C4507 50V 0.22
C4508 50V 0.22
C4509 50V 0.22
C4510 50V 0.22
R4527 10K
C4535 470P
R4503 75K
R4504 75K
R4505 75K
R4506 75K
R4507 75K
R4508 75K
QR4506 MUN2113 (FM REC MUTE Ⓛ :ON)
0
-4.6
0
D4501 MA700
R4528 1K
(A37)
(A11)

TU(L) TU(R) E2(L) E2(R)
SAP
NORMAL SELECT SWITCH
DECODER SELECT SWITCH
MIX AMP
OUTPUT SELECT SWITCH
LINE SELECT SWITCH
TU(L) TU(R) E1(L) E1(R)
E2 (L),(R)
MUTE
22 21 20 19 18 17 16 15 14 13 12
3.8 4.6 6.1 6.1 0 6.1 6.1 0 3.9 0
C4518 50V0.22
C4517 16V10
R4520 22K
C4516 16V10
C4515 16V10
C4514 16V10
R4514 220
C4513 16V10
R4512 220
C4512 16V10
R4510 220
R4509 3.3M
C4511 16V10
R4517 100K
R4516 100K
R4518 220
R4519 220
(A12) (A13) (A14) (A15) (A16) (A17)
(A18) (A19) (A20) (A21) (A22) (A38) (A39)

0 0.3 QR4505 UN2215 (MUTE)
0 0.3 QR4504 UN2215 (MUTE)
0 0.3 QR4503 UN2215 (MUTE)
0 0.3 QR4502 UN2215 (MUTE)

1 2 3 4 5 6 7 8 9 10 11 12

IC3001
TDA9735HV3

QR4001
UN2217
(MUTE)

QR4002
MUN2113
(BUFFER)

QR4006
MUN2111
(D.A.REC H :OFF)

Q4001
2SD1149
(PB:ON)

Q4002
2SD601A
(PB:ON)

QR4009
UN2215
(YMO H :ON)

QR4010
UN2215
(YMO H :ON)

QR4008
MUN2211
(YMO H :ON)

QR4007
MUN2212
(YMO H :ON)

Q3003
2SB709A
(AMP)

QR3008
MUN2212
(YMO H :ON)

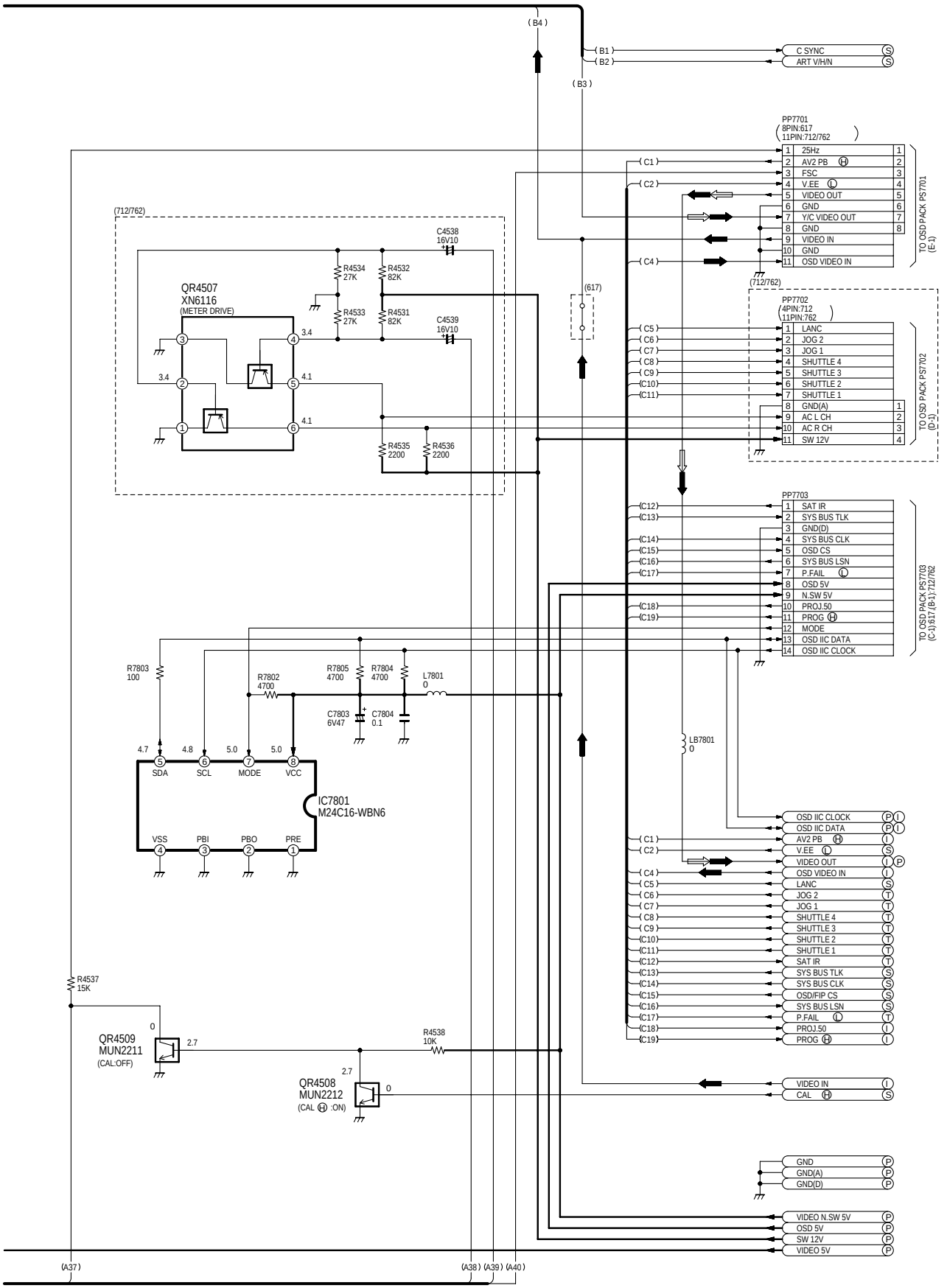
QR3006
MUN2212
(V.SYNC L :OFF)

QR3007
MUN2212
(LP H :ON)

VIDEO
AUDIO
MUTE
VCC
GND
NC
VCC (NA)
VCC (RF)
GND (RF)
VCC (Y)
GND (Y)
VCC (C1)
VCC (SCF)
GND (SCF)
NC
VCC (D)
GND (D)
VCC (C2)
D. REC
VCC (VIDEO OUT SELECT)
2FSC
1H-DL
LPF
YNR PROC
YNR AGC
YNR MIXER
DET
DOP
NORM
CLP1
CLP2
NC1
NC2
PICT
+2.5dB
W/DC ADJ
DEV ADJ
AGC
AGC DET
SYNC SEP
NOISE CLIP
ARTIF SYNC
CPN
CPS
MAIN BPF
Y/C MIXER
SUB CLP
CLP3
DEL
MAIN LPF
NLE NLDE
DTE
SUB LPF
FM DEM
DOUBLE LIM
DO DET
ENV DET
DO=H
MOD
SVHS-FO-DET
PEAKING
CK
APC CK DET
SP/LP
-6dB NTSC LP/SP
EPC PEC
CACC DET
CACC
HSS
TIMER
REC AFC
1/40
ROT APC 1/4
ROT 1 1/4
ROT 2 1/4
TO BM-A
FPC
MUTE
DIVIDER SUBMIXER LPF
F.DET
VCO
1/2
SLD
PAL-M IDENT
PAL -M=H
CK-SWITCH PILOT-BURST BLANK
SEC SWITCH
SP= -3dB
NON-COR
BURST U/D
SUB BPF
BM-B
NAP
ACC DET
ACC
0H-DL
2H-DL 1H-DL
I²C-BUS TRANSCEIVER
DELAY
LPF A
BM-A
f.ROT1
SEC-ME
SEC-L ME
SECAM ID
BPF 630
2.2 TRAP
6.6 TRAP
I ²C TINT
2FSC BPF
X2
VXO
FSC
X3001 VSX0162
C3021 0
VV/SEC/MUTE
2FSC
FH/2
L-TRAP & HPF
H-TRAP
SQPB
VHS
CHR-GAIN
CHR REC
REC-C ADJ
REC-Y ADJ
RF AGC
DET
SECL
RE-Q ADJ
AUDIO EE ON
LP ON
SP ON
STD1 ON
1/2 VCC
SW GAIN
FH TRAP
ALC
EE/VV
SECVV
VV LP
VV-SP/ FAMI
VV/ FAMI
EE/ FAMI
FAMI /VV
REC
PB
REC
(Y1)
(Y2)
(Y3)
S1
S2
S3
S4
S5
L3008 47u
L3007 33u
L3006 100u
LB3002 0
LB3001 0
L3005 100u
L3004 68u
L4001 15m
L4002 0
L3001 22u
L3002 47u
L3003 47u
L4910 0
TW3001
TW3030
D3001 1SS254
D4002 0
C3030 2200P
C3031 50V 0.47
C3029 0.01
C3026 0.1
C3025 6V100
C3024 6V47
C3023 50V0.33
C3060 50V0.33
C3017 0.1
C3018 6V100
C3019 0.1
C3020 2200P
C3016 0.033
C3004 50V3.3
C3015 50V1
C3014 0.01
C3013 0.1
C3012 0.1
C3011 6V220
C3010 0.01
C3008 0.01
C3007 0.1
C3005 68P
C3055 0.1
C3054 0.1
C4001 50V1
C4002 8200P
C4003 50V1
C4004 25V4.7
C4005 2700P
C4006 6V22
C4007 1200P
C4017 2200P
C4018 0.1
C4019 6V47
C4020 0.027
C4021 1
C4071 100P
C4938 2200P
R3001 18K
R3002 300
R3003 330
R3004 4700
R3005 0
R3006 270
R3008 1500
R3009 100
R3010 47K
R3011 100
R3012 100
R3013 0
R3032 390
R3033 390
R3034 620
R3035 330
R3036 2700
R3037 3900
R3040 0
R3043 100K
R4071 22K
R4072 220K
R4073 0
L4011 0.015
L4010 0.015
L4009 180
L4018 470
L4014 50V0.1
L4015 6V22
L4016 1800
L4012 0
L4013 6V47
L4049 47K
L4020 1K
L3010 56u
L3009 39u
C3052 0.1
C3051 22P
C3050 68P
C3049 680P
C3048 56P
C3047 6V22
C3046 22P
C3045 220P
C3044 820P
C3043 0.1
C3042 56P
C3041 16V10
C3040 0.022
C3039 6V22
C3038 6V100
C3037 0.1
C3036 6V220
C3035 0.1
C3034 25V4.7
C3033 25V4.7
R3031 2.2M
R3030 12K
R3029 330
R3028 1500
R3027 4700
R3026 1500
R3025 1K
R3024 270
R3023 3300
R3022 220K
R3021 680K
R3020 0
R3007 100
R4007 4700
R4008 2200
R4009 180
R4010 390
R4011 3900
R4012 0
R4013 2.2M
R4014 2.2M
R4015 2700
R4016 1800
R4017 0
R4018 470
R4019 100
(A1)
(A2)
(A23)
(A24)
(A25)
(A26)
(A27)
(A28)
(A29)
(A30)
(A31)
(A32)
(A35)
(A36)
(A40)

NOTE:THE MEASUREMENT MODE OF THE DC VLOLTAGE IN THE BRACKETS( )ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR.(SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL.(SP MODE)

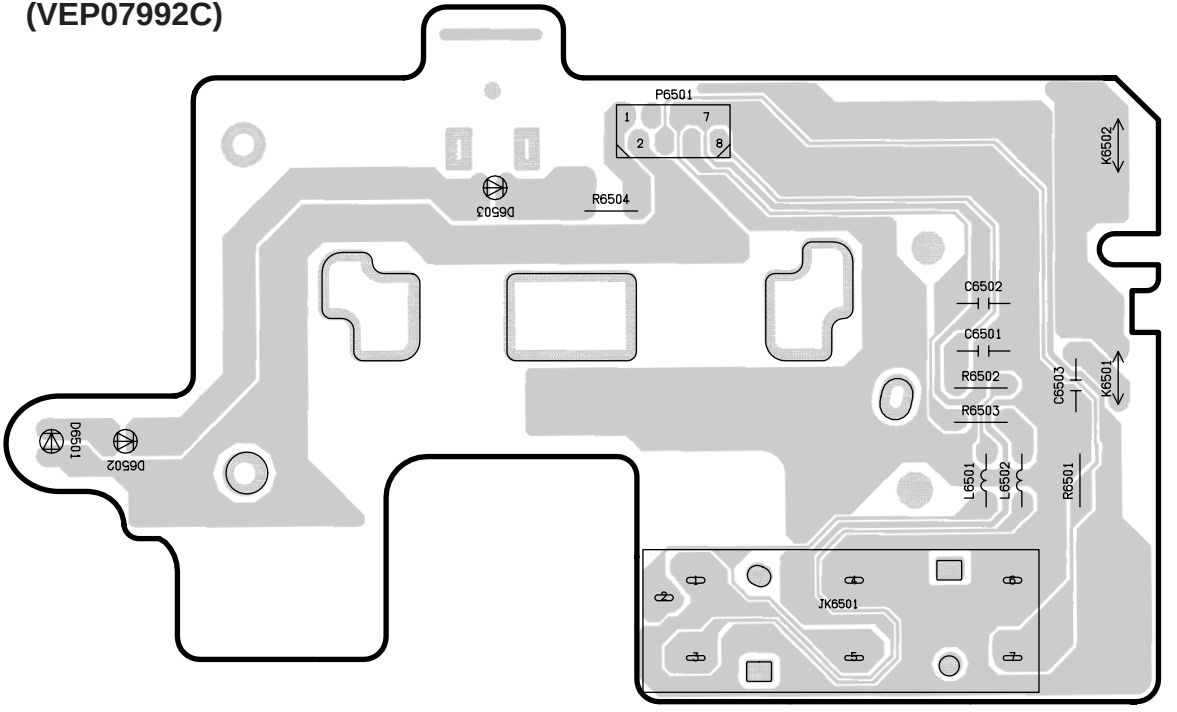


NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

AV FRONT C.B.A.	
Connector	
P6501	C-3

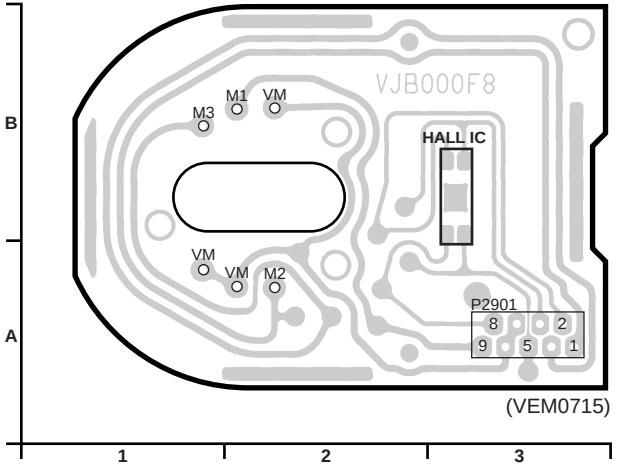
ADDRESS INFORMATION

(VEP07992C)



C B A

1 2 3 4

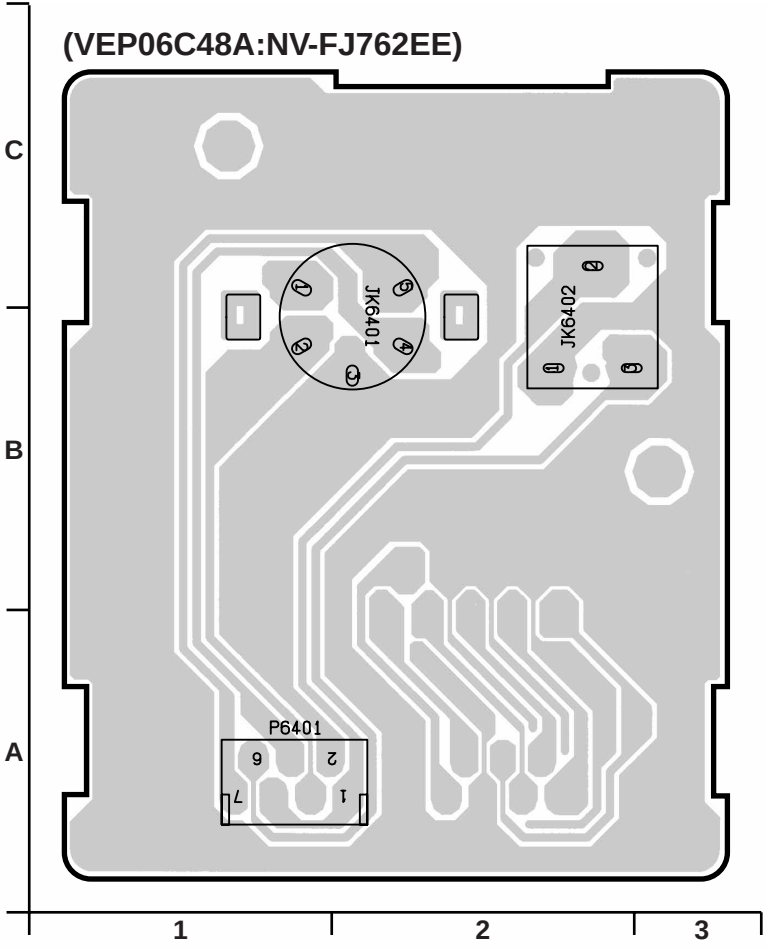


(VEM0715)

CYLINDER STATOR UNIT	
Integrated Circuit	
HALL IC	B-3
Connector	
P2901	A-3

ADDRESS INFORMATION

(VEP06C48A:NV-FJ762EE)



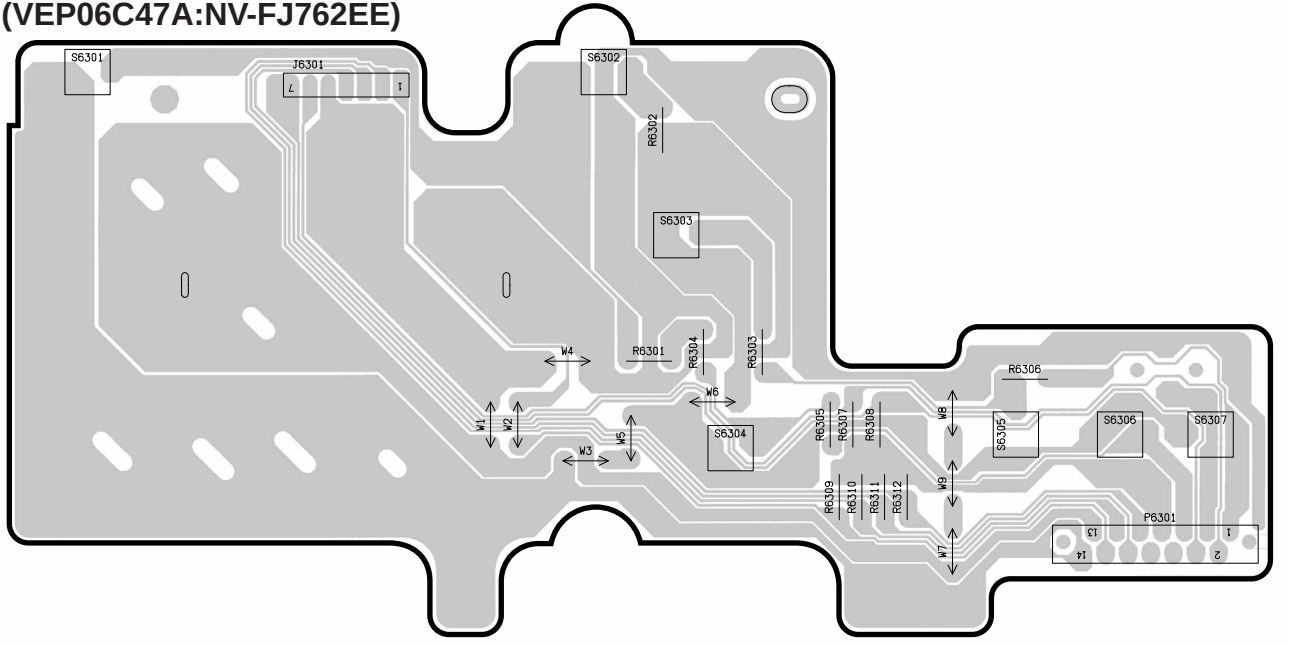
REAR EDIT C.B.A.	
Connector	
P6401	A-1

ADDRESS INFORMATION

JOG/SHUTTLE C.B.A.	
Connector	
P6301	A-4

ADDRESS INFORMATION

(VEP06C47A:NV-FJ762EE)



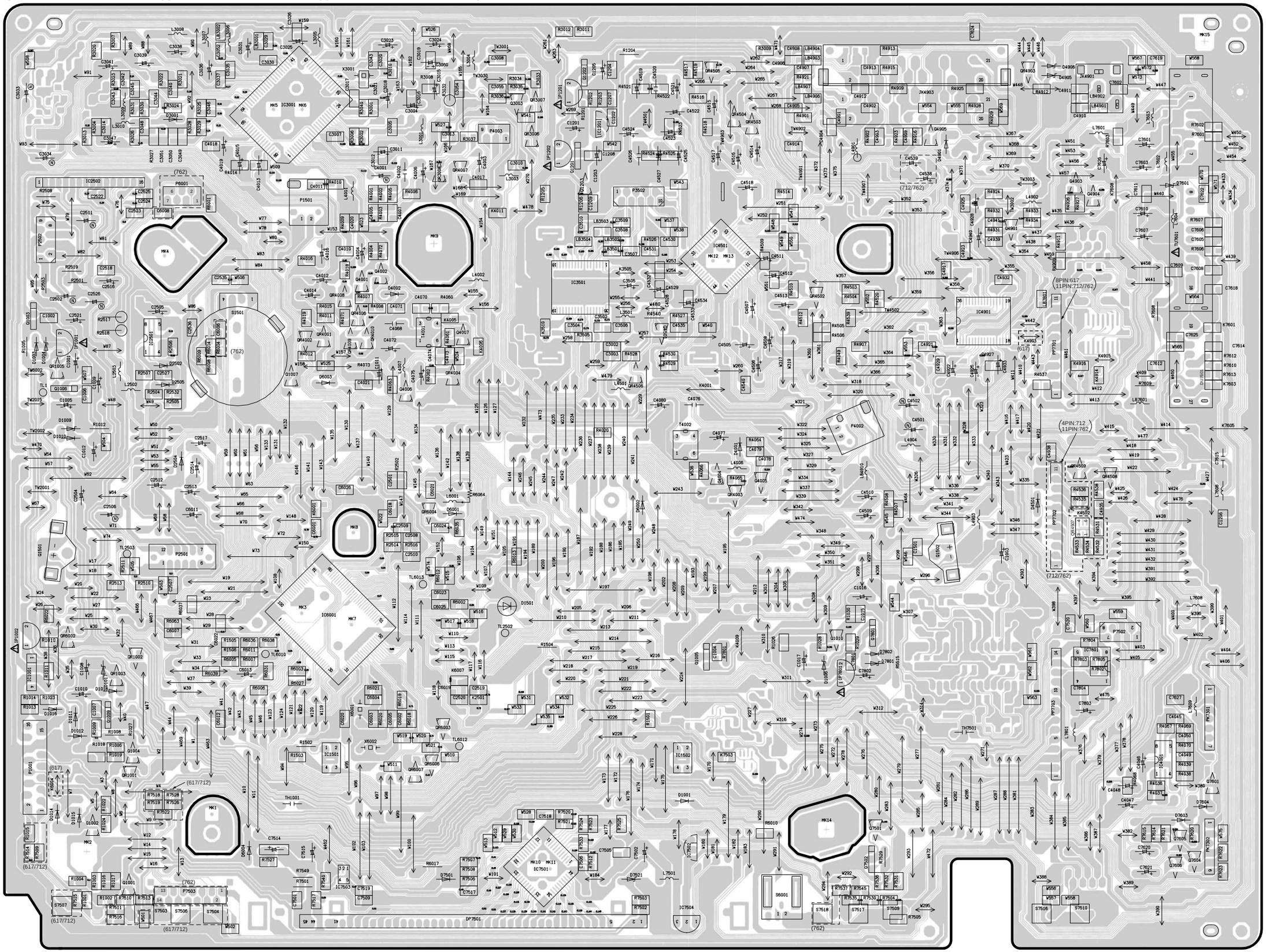
C

B

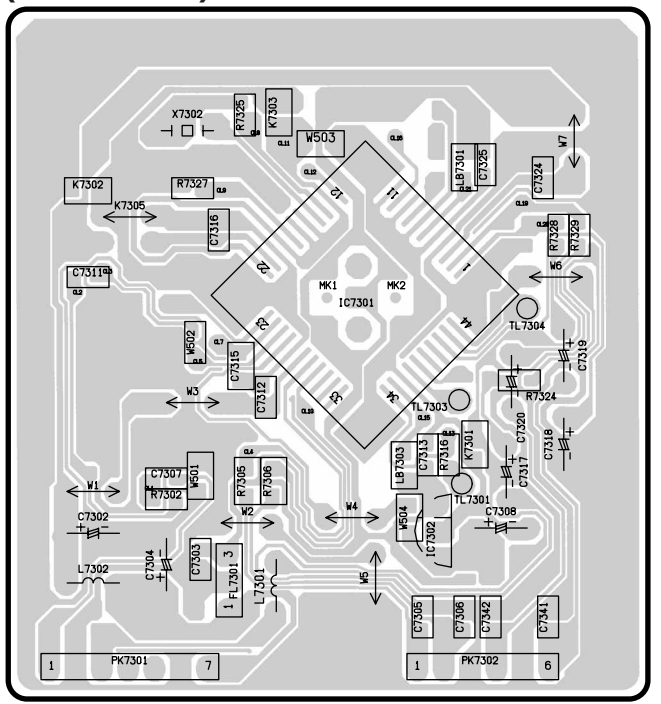
A

1 2 3 4 5

(VEP06D70C:NV-FJ617EE)(VEP06D70F:NV-FJ712EE)(VEP06D70J:NV-FJ762EE)



(VEP07A18D)



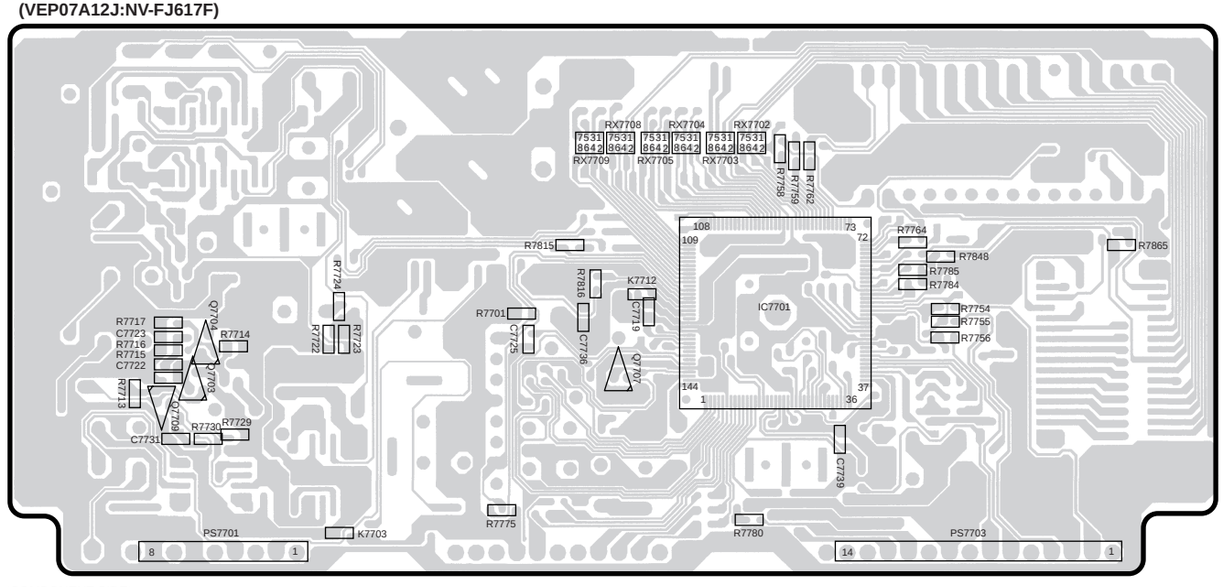
NICAM DECODER PACK C.B.A.	
Integrated Circuit	
IC7301	B-2
IC7302	A-2
Test Point	
TL7301	A-2
TL7303	B-2
TL7304	B-2
Integrated Circuit	
PK7301	A-1
PK7302	A-2

ADDRESS INFORMATION

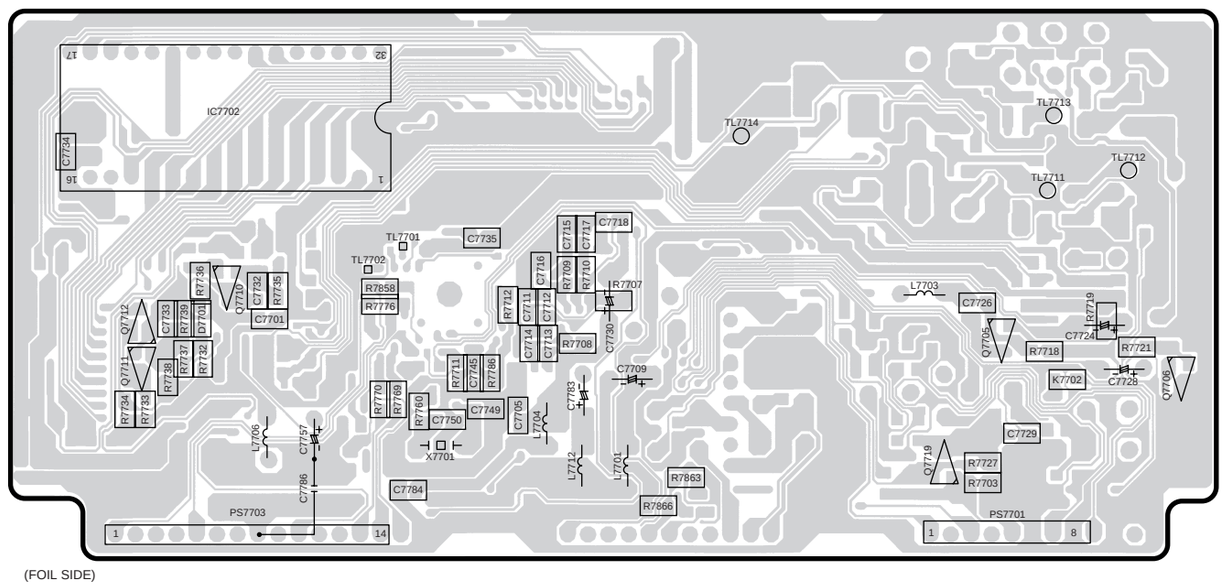
OSD PACK C.B.A.			
Transistor		**Test Point**	
Q7703	B-2	TL7701	B-9
Q7704	B-2	TL7702	B-9
Q7705	B-12	TL7711	C-12
Q7706	B-12	TL7712	C-12
Q7707	B-4	TL7713	C-12
Q7709	A-1	TL7714	C-10
Q7710	B-8	**Connector**	
Q7711	B-7	PS7701	A-2
Q7712	B-7	PS7701	A-12
Q7719	A-11	PS7703	A-5
Integrated Circuit		PS7703	A-8
IC7701	B-4		
IC7702	C-8		

ADDRESS INFORMATION

(VEP07A12J:NV-FJ617F)



(COMPONENT SIDE)



(FOIL SIDE)

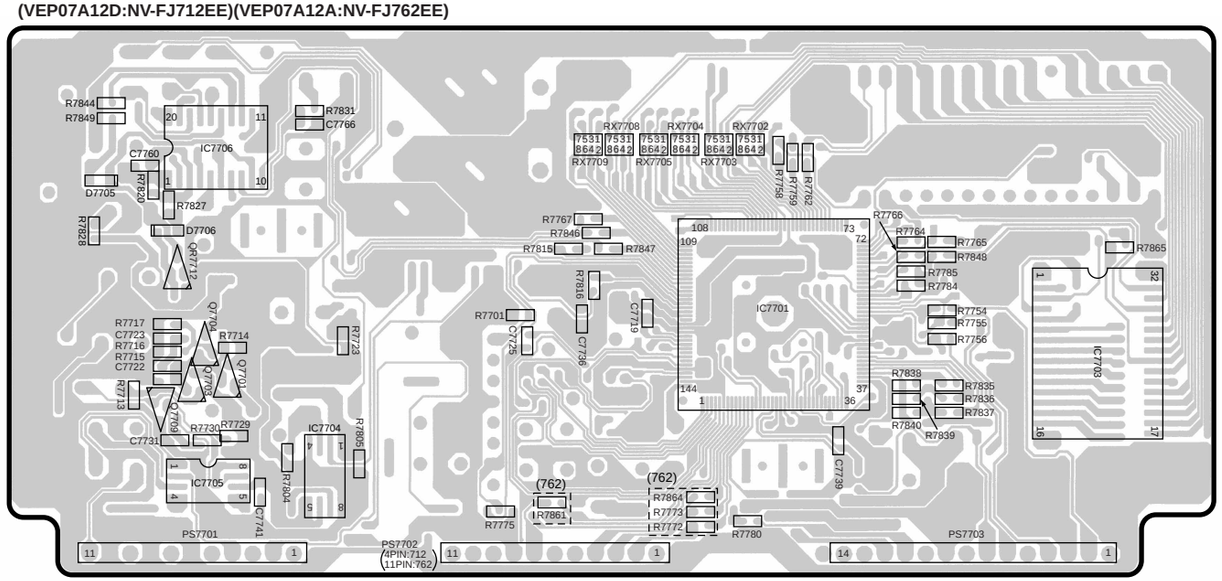
C B A

1 2 3 4 5 6 7 8 9 10 11 12

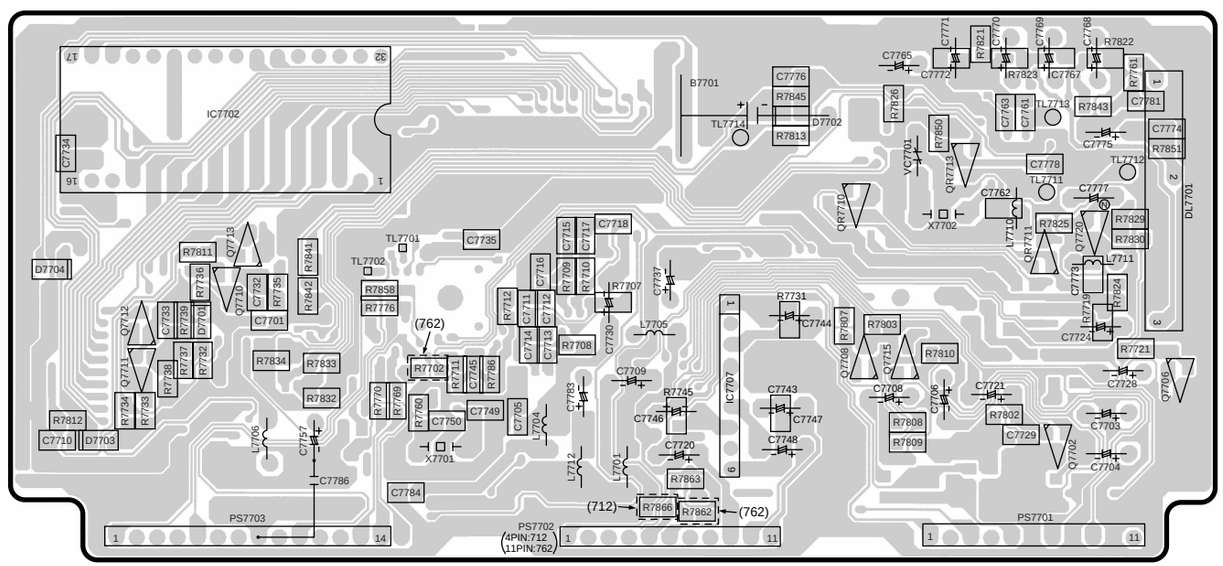
OSD PACK C.B.A.			
Transistor		**Test Point**	
Q7701	B-2	TL7701	B-9
Q7702	A-12	TL7702	B-9
Q7703	B-2	TL7711	C-12
Q7704	B-2	TL7712	C-12
Q7706	B-12	TL7713	C-12
Q7708	B-11	TL7714	C-10
Q7709	A-2	**Adjustment**	
Q7710	B-8	VC7701	C-11
Q7711	B-7	**Connector**	
Q7712	B-7	PS7701	A-2
Q7713	B-8	PS7701	A-12
Q7715	B-11	PS7702	A-3
Q7720	A-12	PS7702	A-10
Transistor & Resistor		PS7703	A-5
QR7710	B-11	PS7703	A-8
QR7711	B-12		
QR7712	B-2		
QR7713	C-11		
Integrated Circuit			
IC7701	B-4		
IC7702	C-8		
IC7703	B-6		
IC7704	A-2		
IC7705	A-2		
IC7706	C-2		
IC7707	B-10		

ADDRESS INFORMATION

(VEP07A12D:NV-FJ712EE)(VEP07A12A:NV-FJ762EE)



(COMPONENT SIDE)



(FOIL SIDE)

C B A

1 2 3 4 5 6 7 8 9 10 11 12

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

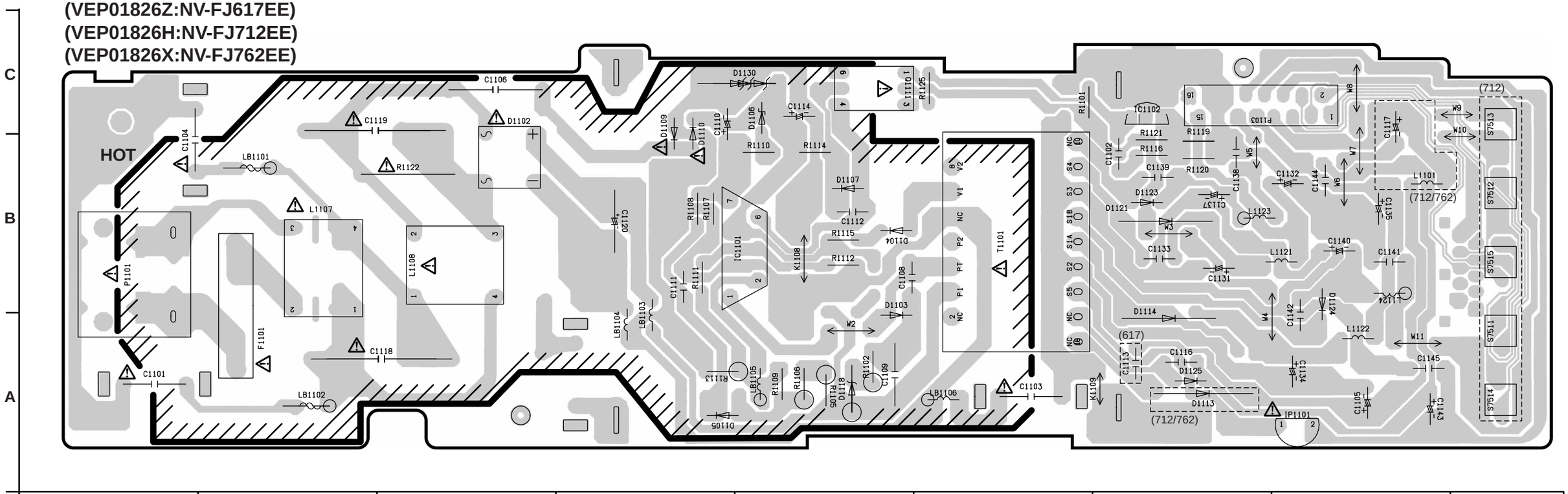
CAUTION

THE STRIPED FRAME INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

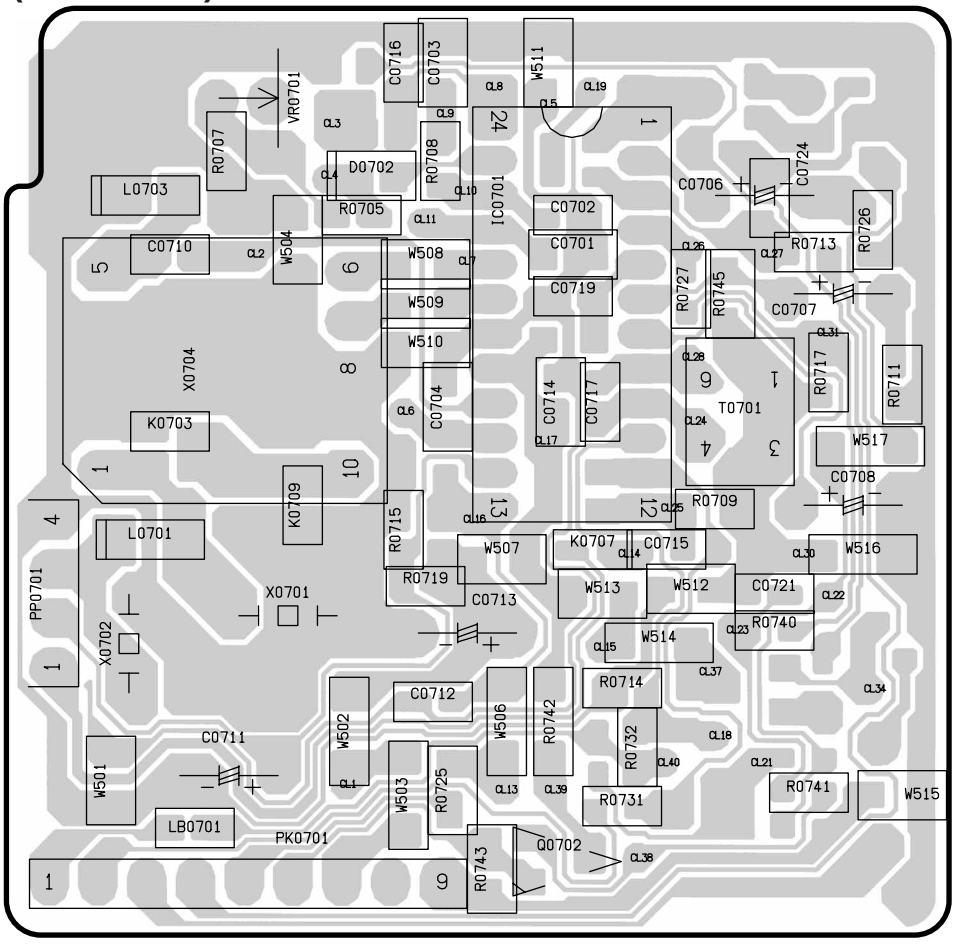
POWER C.B.A.	
Transistor	
Q1111	C-5
Integrated Circuit	
IC1101	B-5
IC1102	C-7
Connector	
P1101	B-1
P1103	C-7

ADDRESS INFORMATION

(VEP01826Z:NV-FJ617EE)
(VEP01826H:NV-FJ712EE)
(VEP01826X:NV-FJ762EE)

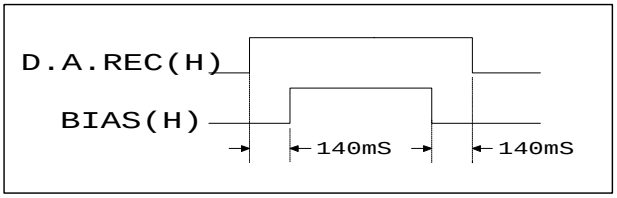


(VEP07A31D)



TV DEMODULATOR PACK C.B.A.	
Transistor	
Q0702	A-3
Integrated Circuit	
IC0701	C-2
Adjustment	
T0701	B-3
VR0701	D-2
Connector	
PK0701	A-2
PP0701	B-1

ADDRESS INFORMATION

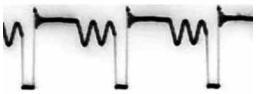
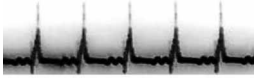
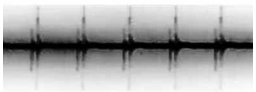
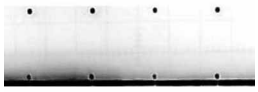
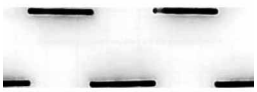
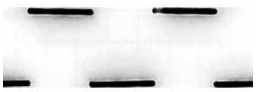
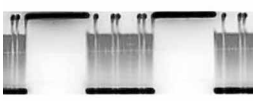
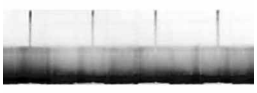
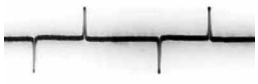
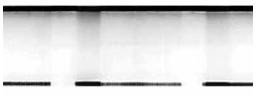
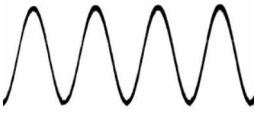
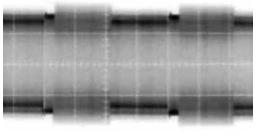
<table>
<tr><th>Pin No.</th><th>In/Out</th><th>Port Name</th><th>Function</th></tr>
<tr><td>1</td><td>O</td><td>AUDIO DEF(H)</td><td>This port is low while Decoder IC is reset.</td></tr>
<tr><td>2</td><td>O</td><td>V.EE2 (L)</td><td>Terminal for EE/VV switching. (Timing/logic are same as "pin 24".)</td></tr>
<tr><td>3</td><td>I</td><td>AFC(S)</td><td>Tuner S curve input.</td></tr>
<tr><td>4</td><td>O</td><td>Not used</td><td>Not used</td></tr>
<tr><td>5</td><td>I</td><td>L6/U6/U4/U2/U2L</td><td>Cylinder unit (HI-FI/Normal) selection.
<table>
<tr><th>Input voltage</th><th>Cylinder Type</th><th>HI-FI/NORMAL</th></tr>
<tr><td>More than 4.2V</td><td>LDD 6CH</td><td>HI-FI</td></tr>
<tr><td>3.0V - 4.2V</td><td>UDD 6CH</td><td>HI-FI</td></tr>
<tr><td>2.0V - 3.0V</td><td>UDD 2CH
(No LP mode)</td><td>NORMAL</td></tr>
<tr><td>0.8V - 2.0V</td><td>UDD 2CH
(With LP mode)</td><td>NORMAL</td></tr>
<tr><td>Less than 0.8V</td><td>UDD 4CH</td><td>NORMAL</td></tr>
</table></td></tr>
<tr><td>6</td><td>I</td><td>NORM/SER/T1/T2</td><td>Normal/Service/Test1/Test2 mode selection.
<table>
<tr><th>Input voltage</th><th>Mode</th></tr>
<tr><td>More than 4.0V</td><td>Normal</td></tr>
<tr><td>2.5V - 4.0V</td><td>Service</td></tr>
<tr><td>1.0V - 2.5V</td><td>Test2</td></tr>
<tr><td>Less than 1.0V</td><td>Test1</td></tr>
</table></td></tr>
<tr><td>7</td><td>I</td><td>S-PHOT</td><td>This port receives 2.4V or less when Supply photo sensor detects the tape end.</td></tr>
<tr><td>8</td><td>I</td><td>T-PHOT</td><td>This port receives 2.4V or less when Take-up photo sensor detects the tape beginning.</td></tr>
<tr><td>9</td><td>I</td><td>TRACKING ENVE</td><td>Playback envelope input for auto tracking adjustment and CVC.</td></tr>
<tr><td>10</td><td>O</td><td>Not used</td><td>Not used</td></tr>
<tr><td>11</td><td>O</td><td>CURRENT LIMIT</td><td>Capstan motor current limitter output.</td></tr>
<tr><td>12</td><td>O</td><td>F. ADJUST</td><td>Frequency responsibility adjustment voltage output.</td></tr>
<tr><td>13</td><td>O</td><td>ART.V/H/N</td><td>This port supplies artificial vertical sync signal to stabilize the picture in special playback mode.</td></tr>
<tr><td>14</td><td>I</td><td>REMOCON</td><td>Remote control signal input and Digital Link input.</td></tr>
<tr><td>15</td><td>O</td><td>ROTARY.SW</td><td>Rotary switching signal output.</td></tr>
<tr><td>16</td><td>O</td><td>H.A.SW</td><td>Head amp switching signal output.</td></tr>
<tr><td>17</td><td>I</td><td>ENVE.SLECT</td><td>This port receives the playback envelope signal level to select the video head in special playback mode.</td></tr>
<tr><td>18</td><td>O</td><td>VIDEO.H.SW</td><td>Video head switching signal output.</td></tr>
<tr><td>19</td><td>O</td><td>AUDIO.H.SW</td><td>Audio head switching signal output.</td></tr>
<tr><td>20</td><td>O</td><td>Not used</td><td>Not used</td></tr>
<tr><td>21</td><td>O</td><td>D.REC(H)</td><td>Video signal recording on/off control.</td></tr>
<tr><td>22</td><td>O</td><td>C.EMPHA(H)</td><td>This port supplies high during a certain time from starting the recording to control the HI-FI audio recording current.</td></tr>
<tr><td>23</td><td>O</td><td>D.FM.MUTE (H)</td><td>HI-FI audio recording on/off control.</td></tr>
<tr><td>24</td><td>O</td><td>VIDEO.EE(L)</td><td>This port is low during EE mode.</td></tr>
<tr><td>25</td><td>O</td><td>PLAY REC (L)</td><td>Capstan voltage switching control output.
Except Play/Rec:High
Play/Rec:Low (Jog/Shuttle mode in Playback:High)</td></tr>
<tr><td>26</td><td>O</td><td>D.A.REC(H)</td><td rowspan="2">DC voltage control for recording mode.
 
</td></tr>
<tr><td>27</td><td>O</td><td>BIAS(H)</td></tr>
</table>

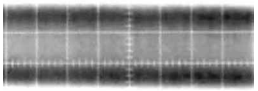
Pin No.	In/Out	Port Name	Function
28	O	FM.MUTE(H)	This port is high during special playback (CUE,REV,SLOW,STILL) mode, head cleaning and so on.
29	O	VSYNC(L)	This port is low when detecting the V-Sync signal.
30	O	FULL.ERASE(H)	Full erase on/off control. ON : High OFF : Low
31	I	POS.SW3	
32	I	POS.SW2	
33	I	POS.SW1	
34	I	GND	GND.
35	I	GND	GND.
36	O	16M.START(H)	Control signal of 16 MHz Oscillator.
37	-	5V(D)	Digital 5V.
38	I	16MHz.IN	Oscillator input.
39	O	16MHz.OUT	Oscillator output.
40	-	GND(OSC)	Oscillator GND.
41	I	32KHz.IN	Oscillator input.
42	O	32KHz.OUT	Oscillator output.
43	I	RESET(L)	Reset low input.
44	O	FIP(L)	FIP on/off control.
45	O	FIP/OSD CS	Chip Select terminal for FIP driver & OSD u-com.
46	O	CAL(H)	Auto-adjustment of Audio IC is in progress, this terminal goes to hight.
47	I	POWER KEY (H)	Power on/off key input.
48	I	STAB (L)	This port receives low when inserting the cassette tape with safety tab.
49	O	AI MES(H)	AI REC mesurement is in progresss, this terminal goes to high.
50	O	HALF WAVE(H)	Capstan driver selection.
51	O	P.OFF(H)	Power off high output.
52	O	EX. FF/REW (L)	This port supplies low during except FF and REW modes.
53	O	Not used	This terminal keeps Low signal.
54	O	Not used	This terminal keeps Low signal.
55	O	UNLOADING(H)	This port supplies high during the mechanism is unloaded.
56	O	LOADING(H)	This port supplies high during the mechanism is loaded.
57	O	LP (H)	Tape speed output.
58	O	SLEEP(L)	Super power save mode setting terminal.
59	O	PAL-I/BG/DK	System 4 I/L: High D/K: Impedance B/G: Low
60	O	SECAM/PAL	System 2 SECAM: Low OTHERS: High
61	O	NTSC(L)	System 5 60 Hz: Low 50 Hz: High

P. SW 3	P. SW 2	P. SW 1	Position (Mode) Name
O	O	O	EJECT
O	O	I	CASSETTE DOWN
O	I	O	REV,REV SLOW
O	I	I	MID (LOADING/UNLOADING)
I	O	O	PLAY/REC,STILL/PAUSE,CUE
			FWD SLOW,STOP3*1
I	O	I	STOP
I	I	O	FF/REW
I	I	I	INTERMEDIATE

(*1) The Pinch Roller is on the Capstan motor shaft.

Pin No.	In/Out	Port Name	Function
62	O	YMO	This terminal keeps Low signal.
63	O	Not used	This terminal keeps Low signal.
64	O	Not used	This terminal keeps Low signal.
65	O	T2.DATA.OUT	EDIT 5pin data output factory.
66	I	T2.DATA.IN	EDIT 6pin data clock output for factory.
67	O	T2.CLOCK	EDIT 7pin data input for factory.
68	O	T-BUS/IC.OUT	The Serial data output for OSD microprocessor and FIP driver.
69	I	T-BUS/IC.IN	The Serial data input for OSD microprocessor and FIP driver.
70	O	T-BUS/IC.CLK	The Serial clock output for OSD microprocessor and FIP driver.
71	O	IIC.CLOCK	Tuner and HI-FI audio IC serial clock output.
72	I/O	IIC.DATA	Tuner and HI-FI audio IC serial data input/output.
73	O	125Hz	Oscillator output for main clock adjustment.
74	O	Not used	This terminal keeps Low signal.
75	I	POWER FAIL(L)	Power failure detection.
76	O	CAP.R/F	Capstan rotation direction control. Reverse : High Forward : Low
77	O	CAP.ET	Capstan torque control.
78	O	CYL.ET	Cylinder torque control.
79	I	S.REEL.PULSE	Supply reel pulse input.
80	I	T.REEL.PULSE	Take-up reel pulse input.
81	I	Not used	Not used
82	O	Not used	Not used
83	I	SHORT DN	DC voltage (BIAS (H)) detection. When detecting High at BIAS (H) during BIAS (H) is set to except high, complsory power is turned off (Self test indication display F08). When detecting Low at BIAS (H) during BAIS (H) is set to high, complsory power is turned off (Self test indication display F07).
84	I	C. SYNC	Composite sync signal input.
85	I	CAP.FG	Capstan FG input.
86	I	CYL.PFG	Cylinder PFG input.
87	I	SECAM24(H)	Video head selection input. In SECAM model, this port is high when using 24u head chip for LP mode is mounted on the cylinder.
88	-	GND	GND.
89	O	OREF	Op amp output for 1/2 VDD reference.
90	I	IREF	Op amp input for 1/2 VDD reference.
91	I	CTL.HEAD(-)	Control signal (-) input.
92	I	CTL.HEAD(+)	Control signal (+) input.
93	O	CTL.AMP.SW	Control amp switching output.
94	I	CTL.AMP.IN	Control amp input.
95	I	CTL.AMP.REF	Control amp reference input.
96	-	CTL.AMP.GND	Control amp GND.
97	O	PB.CTL.OUT	Playback Control signal output.
98	-	5V(A)	Analog 5V.
99	-	5V(AD)	5V.
100	O	Not used	This terminal Low signal.

T1101-3 STOP 8.0Vp-p (2msec. div.)	T1101-7 STOP 100Vp-p (5µsec. div.)	 IC1101-1 STOP 500Vp-p (5µsec. div.)	IC1101-2 STOP 11Vp-p (10µsec. div.)	 IC1101-4 STOP 0.8Vp-p (10µsec. div.)
 IC1101-5 STOP 1.4Vp-p (10µsec. div.)	IC1101-6 STOP 4.0Vp-p (10µsec. div.)	IC1101-7 STOP 0.6Vp-p (10µsec. div.)	Q1111-1 STOP 0.5Vp-p (5µsec. div.)	IC2502-1,2,16 REC 9.0Vp-p (2msec. div.)
 IC6001-13 PAUSE 4.8Vp-p (10msec. div.)	 IC6001-15 REC 4.8Vp-p (10msec. div.)	 IC6001-18 REC 5.0Vp-p (10msec. div.)	IC6001-68,69 REC 5.0Vp-p (5msec. div.)	IC6001-70 REC 5.0Vp-p (5msec. div.)
 IC6001-71 REC 5.0Vp-p (5msec. div.)	IC6001-72 REC 5.0Vp-p (5msec. div.)	IC6001-79,80 FF/REW 5.0Vp-p (1msec. div.)	 IC6001-84 REC 5.0Vp-p (10msec. div.)	IC6001-85 REC 0.8Vp-p (5msec. div.)
IC6001-86 REC 5.0Vp-p (10msec. div.)	IC6001-91,92 REC 6.0Vp-p (10msec. div.)	 IC6001-97 PLAY 4.2Vp-p (10msec. div.)	IC7501-4 STOP 2.2Vp-p (0.2µsec. div.)	IC7501-13,14 STOP 5.0Vp-p (5msec. div.)
 IC7501-15 STOP 5.0Vp-p (5msec. div.)	 IC3001-2 REC 1.5Vp-p (5msec. div.)	IC3001-4 PLAY 5.0Vp-p (5msec. div.)	 IC3001-14 REC 0.4Vp-p (5msec. div.)	IC3001-15 PLAY 0.6Vp-p (20µsec. div.)



IC3001-20 PLAY
150mVp-p (20µsec. div.)

IC3001-24 REC/PLAY
5.0Vp-p (10msec. div.)

IC3001-37 REC/PLAY
5.0Vp-p (5msec. div.)

IC3001-38 REC/PLAY
5.0Vp-p (5msec. div.)

IC3001-42,43 PLAY
0.4Vp-p (20µsec. div.)

IC3001-48,50 REC
1.0Vp-p (20µsec. div.)

IC3001-52 REC/PLAY
2.0Vp-p (20µsec. div.)

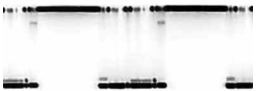
IC4501-6,7 REC
1.2Vp-p (5msec. div.)

IC4501-16,17 REC/PLAY
1.2Vp-p (5msec. div.)

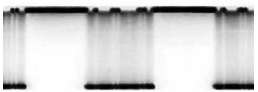
IC4501-21 REC
1.2Vp-p (5msec. div.)

IC4501-22 REC/PLAY
1.2Vp-p (5msec. div.)

IC4501-36 REC
3.5Vp-p (20µsec. div.)



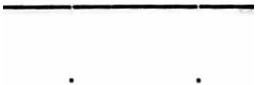
IC4501-42 REC/PLAY
5.0Vp-p (5msec. div.)



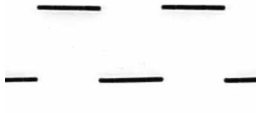
IC4501-43 REC/PLAY
5.0Vp-p (5msec. div.)

Q4005-C REC
Q4007-C REC
9.0Vp-p (5µsec. div.)

PP7701-5,7 REC/PLAY
2.0Vp-p (20µsec. div.)

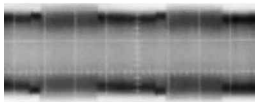


PP7703-13,14 REC/PLAY
5.0Vp-p (10msec. div.)



IC3501-1 REC/PLAY
5.0Vp-p (10msec. div.)

IC3501-30 PLAY
0.4Vp-p (5msec. div.)



IC3501-31 REC
0.3Vp-p (5msec. div.)

443NT [L]	4.43 NTSC Ⓛ
A. COMP	AUDIO COMPONENT SIGNAL
A. COMPO	AUDIO COMPONENT SIGNAL
A. D.P [L]	AUDIO DUBBING PAUSE Ⓛ
A. D/L [L]	AUDIO DUBBING PAUSE Ⓛ
A. DEF [S]	AUDIO DEFEAT
A. DEF [S] [L]	AUDIO DEFEAT
A. DUB P [L]	AUDIO DUBBING PAUSE Ⓛ
A. DUB [H]	AUDIO DUBBING Ⓗ
A. ERASE	AUDIO ERASE
A. H. SW	AUDIO HEAD SWITCHING PULSE
A. HEAD [R]	AUDIO HEAD (REC)
A. HEAD [W]	AUDIO HEAD (PLAY)
A. IN [L]	AUDIO INPUT (L)
A. IN [R]	AUDIO INPUT (R)
A. MUT [H]	AUDIO MUTE Ⓗ
A. MUTE [H]	AUDIO MUTE Ⓗ
A. OUT [L]	AUDIO OUTPUT (L)
A. OUT [R]	AUDIO OUTPUT (R)
A. RF OUT	AUDIO RF SIGNAL OUTPUT
A/VS/S. DATA	AV SW/SERIAL DATA
AC ONLINE	AC ONLINE
AC. O/EE. H	AC ONLINE/EE Ⓗ
AFC S C	AFC S CURVE
AFC [S]	AFC S CURVE
AFC. DEF	AFC DEFEAT
ARFC OUT	AUDIO RF SIGNAL OUTPUT
ART. V	ARTIFICIAL VERTICAL SYNC SIGNAL
ART. V. MM	ARTIFICIAL VERTICAL SYNC SIGNAL MONO MULTI
ART. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL Ⓗ/NORMAL
AT. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL
ATSW/TEST/NOR/SE	TEST/NORMAL/SERVICE
AUDIO IN [L]	AUDIO INPUT (L)
AUDIO IN [R]	AUDIO INPUT (R)
AUDIO OUT [L]	AUDIO OUTPUT (L)
AUDIO OUT [R]	AUDIO OUTPUT (R)
AUDIO SELECT [H]	AUDIO SELECT Ⓗ
AUDIO. L	AUDIO (L)
AUDIO. R	AUDIO (R)
AV CNT	AV CONTROL
AV CTL	AV CONTROL
AV CTL/S. CLK	AV CONTROL/SERIAL CLOCK
AV. C.M.	AV CONTROL MODE
AVCNT/METER. R	AV CONTROL/LEVEL METER (R)
AVSW/METER. L	AV SW/LEVEL METER (L)
B MODE. H	B MODE Ⓗ
B.G.P	BURST GATE PULSE
BACKUP 5V	BACK UP 5V
BAND. U.E.	BAND U
BANDVL. D	BAND VL
BI/MI [L]	BILINGUAL/MIX Ⓛ
BIL	BILINGUAL
BIL [L]	BILINGUAL Ⓛ
BIL. [H]	BILINGUAL Ⓗ
BIL/M1 [L]	BILINGUAL Ⓛ
BS CLOCK	BS CLOCK
BS DATA	BS DATA
BS LCH IN	BS L CHANNEL INPUT
BS MIX [H]	BS MIX Ⓗ
BS MON [H]	BS MONITOR Ⓗ
BS MONI [H]	BS MONITOR Ⓗ
BS RCH IN	BS R CHANNEL INPUT
BS VIDEO	BS VIDEO SIGNAL
BS VIDEO/BS1	BS VIDEO SIGNAL
BS [H]	BS Ⓗ
BS. LEVEL	BS LEVEL
BS. M [H]	BS MONITOR Ⓗ
BS/VTR [H]	BS/VTR Ⓗ
BUS CLK	BUS CLOCK
BUS LSN	BUS LISTEN
BUS TLK	BUS TALK
BUZZER	BUZZER
CAP EC	CAPSTAN TORQUE CONTROL
CAP M GND	CAPSTAN MOTOR GND
CAP. ET	CAPSTAN TORQUE CONTROL
CAP. FG1	CAPSTAN FG1 PULSE
CAP. FG2	CAPSTAN FG2 PULSE
CAS. SW	CASSETTE SW
CCN	PLAYBACK CONTROL SIGNAL (–)
CCP	PLAYBACK CONTROL SIGNAL (+)
CHM	CONTROL SIGNAL (+)
CHP	CONTROL SIGNAL (–)
CINEM [L]	CINEMA Ⓛ
CINEMA [L]	CINEMA Ⓛ
CINEMA/MIX	CINEMA/MIX
CKL	RATCH LOCK
CKS	SHIFT LOCK
CL	CLOCK
CLK	CLOCK
CLK (C.G)	CLOCK
CLOCK. IN	CLOCK INPUT
CLP	CLAMP
COL/B/W/NOR	COLOUR/BLACK & WHITE/NORMAL
COLOR [H]	COLOUR Ⓗ
CONV	CONVERTOR
CS	CHIP SELECT
CTL GND	CONTROL GND
CTL HEAD [+]	CONTROL HEAD (+)
CTL HEAD [–]	CONTROL HEAD (–)
CTL [+]	CONTROL HEAD (+)
CTL [–]	CONTROL HEAD (–)
CUE BIAS	CUE BIAS
CURRENT LIM	CURRENT LIMMITER
CYL ET	CYLINDER TORQUE CONTROL

CYL GND	CYLINDER GND
D.F.M. REC [H]	DELAIED FM RECORDING Ⓗ
D. FM REC [L]	DELAIED FM RECORDING Ⓛ
D. GND	DIGITAL GND
D. REC [H]	DELAYED RECORDING Ⓗ
D4/S. LED	D4/STILL LED
D4/STILLED	D4/STILL LED
DAC [CLK]	TUNER DAC (CLOCK)
DAC/FSCS	TUNER DAC/FS CHIP SELECT
DAREC [H]	DELAYED AUDIO RECORDING Ⓗ
DATA	DATA
DECODER [L]	DECODER (L)
DECODER [R]	DECODER (R)
DEW	DEW
DEW SNS	DEW SENSOR
DFMRE [H]	DELAYED FM AUDIO RECORDING Ⓗ
E. REC 5V	EXCEPT RECORDING 5V
EC	ERROR TORQUE CONTROL
ECR	ERROR TORQUE CONTROL REFERENCE VOLTAGE
EDT TRIG [L]	EDIT TRIGGER Ⓛ
EDIT [H]	EDIT Ⓗ
EE [H]	EE Ⓗ
EE [H]/INS [M]	EE Ⓗ/INSERT Ⓜ
EE. VV. TR	EE/VV/TRICK PLAY
EJECT. PO	EJECT POSITION
EJECT/VDET	EJECT/REVERSE SLOW LOCK
ENV. SEL	ENVELOPE SELECT
ENVE. OUT	ENVELOPE OUTPUT
ENVE. SEL	ENVELOPE SELECT
ENV SELECT	ENVELOPE SELECT
EP [H]	LP Ⓗ
EP/LP [H]	LP Ⓗ
EP/LP/SP	LP/SP
EP/SS [H]	LP/SLOW/STILL/STOP Ⓗ
EPROMCS	EPROM CHIP SELECT
EX. REC 5V	EXCEPT RECORDING 5V
FF/REW [L]	FIRST FORWARD/REWIND Ⓛ
FG1 IN	FG1 PULSE INPUT
FG2 IN	FG2 PULSE INPUT
FILTER ADJUSTMENT	FILTER ADJUSTMENT
FLY ERASE [H]	FLYING ERASE HEAD ON Ⓗ
FLY ON [H]	FLYING ERASE HEAD ON Ⓗ
FLY. E [H]	FLYING ERASE HEAD ON Ⓗ
FM MUT [H]	FM AUDIO MUTE Ⓗ
FM MUTE [H]	FM AUDIO MUTE Ⓗ
FM OUT [L]	FM OUTPUT (L)
FM OUT [R]	FM OUTPUT (R)
FM PACK OUT [L]	FM PACK OUTPUT (L)
FM PACK OUT [R]	FM PACK OUTPUT (R)
FM/BS SEL [L]	FM/BS SELECT (L)
FM/BS SEL [R]	FM/BS SELECT (R)
FS. CLK	FS CLOCK
FUL. E [H]	FULL ERASE HEAD ON Ⓗ
FULL. E [H]	FULL ERASE HEAD ON Ⓗ

FULL. E. 12V	FULL ERASE 12V
GND [A]	GND (ANALOG)
GND [TU]	GND (TUNER)
GND/N. SW. 12V	GND/NON SW 12V
H. SYNC	HORIZONTAL SYNC
H. AMP. SW	HEAD AMP SW PULSE
H. P <R>	HEAD PHONE (R)
H. P <L>	HEAD PHONE (L)
H. P GND	HEAD PHONE GND
H. P OUT [L]	HEAD PHONE OUTPUT (L)
H. P OUT [R]	HEAD PHONE OUTPUT (R)
H. SW	HEAD SW PULSE
HEAD PHONE [L]	HEAD PHONE (L)
HEAD PHONE [R]	HEAD PHONE (R)
HEAD SW	HEAD SW
HEATER [+]	HEATER (+)
HEATER [–]	HEATER (–)
HSS	HORIZONTAL SYNC SIGNAL
HTR [+]	HEATER (+)
HTR [–]	HEATER (–)
I RFE	REFERENCE CURRENT
ICL	CONTROL AGC CIRCUIT
IF	INTERMEDIATE FREQUENCY
IN SELA1	INPUT SELECT A1 POSITION
IN SELA2	INPUT SELECT A2 POSITION
IN SELA3	INPUT SELECT A3 POSITION
INS L/R [L]	INSERT Lch/Rch Ⓛ
INS. [H]	INSERT Ⓗ
INSEL A1	INPUT SELECT A1 POSITION
INSEL A2	INPUT SELECT A2 POSITION
INSERT	INSERT
INSERT [H]	INSERT Ⓗ
IO CS	INPUT/OUTPUT CHIP SELECT
JOG1	JOG1
JOG S3 LED/FOWRD	JOG LED/FORWARD LED
JOG/F. LED	JOG LED/FORWARD LED
JSB [H]	JSB Ⓗ
JST. CLCK	JUST CLOCK
JST. CLK	JUST CLOCK
JST. CLOCK	JUST CLOCK
L. OUT	Lch OUTPUT
L. CH [H]	Lch Ⓗ
L. CH [L]	Lch Ⓛ
LED (MAIN)	LED (MAIN)
LED (STEREO)	LED (STEREO)
LED (SUB)	LED (SUB)
LED CKL	LED SERIAL CLOCK
LED CKS	LED SERIAL CLOCK
LED DATA	LED SERIAL DATA
LINE IN 1 [L]	LINE INPUT 1 (L)
LINE IN 1 [R]	LINE INPUT 1 (R)
LINE IN 2 [L]	LINE INPUT 2 (L)
LINE IN 2 [R]	LINE INPUT 2 (R)
LINE IN V	LINE INPUT VIDEO
LINE IN [L]	LINE INPUT (L)

LINE IN [R]	LINE INPUT (R)
LINE OUT [L]	LINE OUTPUT (L)
LINE OUT [R]	LINE OUTPUT (R)
LP [H]	LP Ⓗ
LPTRI [L]	LP TRICK PLAY Ⓛ
Lch/A. DUB	Lch/AUDIO DUBBING
M GND	MOTOR GND
M REG	MOTOR REGULATOR
MAIN OUT	MAIN OUTPUT
MAIN [L]	MAIN Ⓛ
MAIN/MONO	MAIN/MONAURAL
MAX IN	MAXIMAM INPUT
MES [H]	MESECAM Ⓗ
MESE [H]	MESECAM Ⓗ
MESE [L]	MESECAM Ⓛ
METER 5V	LEVEL METER 5V
METER [L]	LEVEL METER (L)
METER [R]	LEVEL METER (R)
METER. L/AVS	LEVEL METER (L)
METER. R/AVC	LEVEL METER (R)
MI/BI [L]	MIX Ⓗ/BILIGUAL
MIC GND	MIC GND
MIC IN	MIC INPUT
MIC IN [L]	MIC INPUT (L)
MIC IN [R]	MIC INPUT (R)
MIC [H]	MIC Ⓗ
MIX [H]	MIX Ⓗ
MIX [H]/CINEMA [L]	MIX Ⓗ/CINEMA SOUND Ⓛ
MIX/CINE	MIX Ⓗ/CINEMA SOUND Ⓛ
MIX/CINEMA [L]	MIX Ⓗ/CINEMA SOUND Ⓛ
MN. H/M. L	MONAURAL Ⓗ/MAIN Ⓛ
MN. H/MAI. L	MONAURAL Ⓗ/MAIN Ⓛ
MN2/MES. L	MONAURAL 2/MESECAM Ⓛ
MODE SEL	AUDIO MODE SELECT
MODE SW	AUDIO MODE SW
MODE. S. IN	AUDIO MODE SELECT INPUT
MODE. S. OUT	AUDIO MODE SELECT OUTPUT
MONO [H]	MONAURAL Ⓗ
MONO [H]/MAIN [L]	MONAURAL Ⓗ/MAIN Ⓛ
MONO2 [L]	MONAURAL 2
MONO2/MESE [FM(L)]	MONAURAL 2/MESECAM (FM Ⓛ)
MOTOR GND	MOTOR GND
MUTE	MUTE
N. A. REC [L]	NORMAL AUDIO RECORDING
N. SW 12V	NON SW 12V
N. SW. 5. DET	NON SW 5V DETECT
NICAM	NICAM
NICAM [L]	NICAM Ⓛ
NOL [H]	PAL Ⓗ/4.43 NTSC Ⓜ/3.58 NTSC Ⓛ
NOR/SOFT [H]	NORMAL/SOFT TAPE PLAY Ⓗ
NORMAL [H]	NORMAL Ⓗ
NR BIAS	NR BIAS
NTSC [L]	NTSC Ⓛ
OCH	CONTROL AGC CIRCUIT
OUT	OUTPUT

P-OFF [H]	POWER OFF Ⓗ
P-OFF [L]	POWER OFF Ⓛ
P. FAIL	POWER FAILURE DETECT
P. OFF [H]	POWER OFF Ⓗ
P. OFF [L]	POWER OFF Ⓛ
PAL [H]	PAL Ⓗ
PAL [L]/NTSC [H]	PAL Ⓛ/NTSC Ⓗ
PB ADJ OUT	PLAYBACK ADJUST OUTPUT
PB OUT	PLAYBACK OUTPUT
PB. H	PLAYBACK Ⓗ
PFG	PG/FG
PHOTSN +B	PHOTO SENSOR +B
PICT. CNT	PICTURE CONTROL
PLAY LED/RVS LED	PLAY LED/REVERSE LED
PLAY. PO	PLAY POSITION
PLAY/R. LED	PLAY LED/REVERSE LED
PLY/DEW	PLAY/DEW Ⓗ
POWER OFF [L]	POWER OFF Ⓛ
PREROLL [H]	PREROLL Ⓗ
PWRFAIL	POWER FAILURE DETECT
R. CH [H]	Rch Ⓗ
R. CH [L]	Rch Ⓛ
R. ST	RESET
R/S/F	REVERSE Ⓗ/STOP Ⓜ/FORWARD Ⓛ
RCH [H]	Rch Ⓗ
REC 12V	RECORDING 12V
REC CHROMA	RECORDING CHROMINANCE SIGNAL
REC H	RECORDING Ⓗ
REC IN	RECORDING INPUT
REC OUT [L]	RECORDING OUTPUT Ⓛ
REC START	RECORDING START
REC VR [C]	RECORDING VOLUME (COMMON)
REC VR [L]	RECORDING VOLUME (L)
REC VR [R]	RECORDING VOLUME (R)
REC Y	RECORDING LUMINANCE SIGNAL
REC [H]	RECORDING Ⓗ
REC. C	RECORDING CHROMINANCE SIGNAL
REC. Y	RECORDING LUMINANCE SIGNAL
REC/EE CTL	RECORDING/EE CONTROL
REEL-T	REEL PULSE (TAKE-UP)
REEL-S	REEL PULSE (SUPPLY)
REGULATOR FILTER	REGULATOR FILTER
RESET	RESET
REV M F/R	REVIEW MOTOR FORWARD/REVERSE
REV M V1	REVIEW MOTOR V1
REV M V2	REVIEW MOTOR V2
REV MOTOR F/R	REVIEW MOTOR FORWARD/REVERSE
REV MOTOR V1	REVIEW MOTOR V1
REV MOTOR V2	REVIEW MOTOR V2
REV MOTOR [+]	REVIEW MOTOR (+)
REV MOTOR [–]	REVIEW MOTOR (+)
REV. M. GND	REVIEW MOTOR GND
RF. CHROMA	RF CHROMINANCE SIGNAL

RF OUT	RF OUTPUT
RF Y	RF LUMINANCE SIGNAL
RF. Y. IN	RF LUMINANCE SIGNAL INPUT
RF. Y. OUT	RF LUMINANCE SIGNAL OUTPUT
ROTAR. SW	ROTARY SW
ROTARY	ROTARY SW
RST	RESET
RST [L]	RESET Ⓛ
Rch/INST	Rch/INSERT
S IN	SERIAL DATA INPUT
S OUT	SERIAL DATA OUTPUT
S-PHOTO	SUPPLY PHOTO TRANSISTOR
S-RL. PLS	SUPPLY REEL PULSE
S. CLK	SERIAL CLOCK
S. CLK/AV	SERIAL CLOCK/AV
S. DATA	SERIAL DATA
S. DATA/A	SERIAL DATA
S. PHOTO	SUPPLY PHOTO TRANSISTOR
S. TAB [L]	SAFETY TAB SW ON Ⓛ
S/P/N	SECAM/PAL/NTSC
SC IN	SERIAL CLOCK INPUT
SC OUT	SERIAL CLOCK OUTPUT
SCK SELECT	SERIAL CLOCK SELECT
SEL OUT [L]	SELECT OUTPUT (L)
SEL OUT [R]	SELECT OUTPUT (R)
SHUTTLE 1	SHUTTLE 1
SIF	SOUND INTERMEDIATE FREQUENCY
SLMUT [H]	INPUT SELECT MUTE Ⓗ
SLNID [+]	SOLENOID (+)
SLNID [–]	SOLENOID (–)
SLW TR. MM	SLOW TRACKING MONO MULTI
SLW TR. REF	SLOW TRACKING REFERENCE VOLTAGE
SNS. GND	SENSOR GND
SOFT [H]	SOFT TAPE PLAY Ⓗ
SOFT [H]/NORMAL	SOFT TAPE PLAY Ⓗ/NORMAL Ⓗ
SOLENOID ON [L]	SOLENOID ON Ⓛ
SP [H]	SP Ⓗ
SP/L/SLP	SP/LP
SSS [L]	SLOW/STILL/STOP
STEREO LED	STEREO LED
STEREO [H]	STEREO Ⓗ
STEREO [L]	STEREO Ⓛ
STOP. PO	STOP POSITION
STOP/5V	STOP POSITION/5V
STOP1/TAPE SEL	STOP1 POSITION/TAPE SELECT
STOP1/PAL:ST	STOP1 POSITION/PAL
STOP2. PO	STOP 2 POSITION
STOP2/S-TAB	STOP 2 POSITION/SAFETY TAB SW
STREO [H]	STEREO Ⓗ
SUB BIAS	SUB BIAS
SUB. SW	SUB SW
SVHS CAS [L]	S-VHS CASSETTE Ⓛ
SW. 5. DET	SW 5V DETECT
SYNC [L]	SYNC Ⓛ
SYSCON 5V	SYSTEM CONTROL 5V
SYSTEM	SYSTEM SW
T-PHOTO	TAKE-UP PHOTO TRANSISTOR
T-RL. PLS	TAKE-UP REEL PULSE
T. BUSCLK	TIMER BUS CLOCK
T. BUSLSN	TIMER BUS LISTEN
T. BUSTLK	TIMER BUS TALK
T. END [L]	TAPE END Ⓛ
T. PHOTO	TAKE-UP PHOTO TRANSISTOR
TAPE END [L]	TAPE END Ⓛ
TAPE END [L]/CAM	TAPE END Ⓛ/CAMERA PAUSE
TEST	TEST MODE
TPZ	TRAPEZOIDAL WAVE CIRCUIT
TRIC [L]	TRIC PLAY Ⓛ
TRICK [L]	TRIC PLAY Ⓛ
TRK. ENV	AUTO TRACKING ENVELOPE DETECT
TU. AUDIO	TUNER AUDIO
TU. GND	TUNER GND
TU. V. IN	TUNER VIDEO SIGNAL INPUT
TU. VIDEO	TUNER VIDEO
TUN NOR IN	TUNER NORMAL INPUT
TUN R	TUNER AUDIO (R)
TUN. AUDIO IN	TUNER AUDIO INPUT
TUNER 12V	TUNER 12V
TUNER L	TUNER AUDIO (L)
TUNER V IN	TUNER VIDEO SIGNAL INPUT
TUNER [L]	TUNER AUDIO (L)
TUNER [N]	TUNER AUDIO (NORMAL)
TUNER [R]	TUNER AUDIO (R)
TUNER. 12	TUNER 12V
TUOFF [H]	TUNER OFF Ⓗ
TV. AUDIO	TV AUDIO
TV/VTR	TV/VTR
TXTON [L]	TEXT ON Ⓛ
U. REG45V	UNREGULATOR 45V
UNREG	UNREGULATOR
UNREG19V	UNREGULATOR 19V
V. REF	REFERENCE VOLTAGE
V. EE [H]	VIDEO EE Ⓗ
V. EE [L]	VIDEO EE Ⓛ
VCO REF	REFERENCE OSCILLATER
VD. IN	VIDEO SIGNAL INPUT
VD. OUT	VIDEO SIGNAL OUTPUT
VIDEO EE [L]	VIDEO EE Ⓛ
VIDEO IN	VIDEO SIGNAL INPUT
VIDEO OUT	VIDEO SIGNAL OUTPUT
VM	MOTOR VOLTAGE
VM DOWN [L]	MOTOR VOLTAGE DOWN Ⓛ
VSS	VERTICAL SYNC SIGNAL
VTR [H]	VTR Ⓗ
VTR. 12V	VTR 12V
X IN	OSCILLATOR INPUT
X OUT	OSCILLATOR OUTPUT

INPUT CONDITION							OUTPUT RESULT					
POWER	AV2 SELECT	TV/ VTR	EE/ VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT
P.OFF	---	---	---	---	---	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
VPS STAND BY	EXT	---	---	L	NORMAL TUN	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
					C+ TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
					AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1
						H	AV2 IN	AV1 IN	H	ON	AV1	AV1
					AV2	L	AV2 IN	AV1 IN	L	OFF	AV2	AV2
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2
					AV3	L	AV2 IN	AV1 IN	L	OFF	AV3	AV3
						H	AV2 IN	AV1 IN	H	ON	AV3	AV3
					SAT.NOR TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN
				H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					C+ TUNER	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
						H	VTR OUT	AV1 IN	H	OFF	AV1	AV1
					AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
	DECODER	---	---	L	NORMAL TUN	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
					C+ TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
					AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2
					AV2	L	AV2 IN	AV1 IN	L	OFF	AV2	AV2
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2
					AV3	L	AV2 IN	AV1 IN	L	OFF	AV3	AV3
						H	AV2 IN	AV1 IN	H	ON	AV3	AV3
					SAT.NOR TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN
				H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					C+ TUNER	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN

INPUT CONDITION							OUTPUT RESULT					
POWER	AV2 SELECT	TV/ VTR	EE/ VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT
P.ON	EXT	TV	EE	L	NORMAL TUN	---	VTR OUT	VTR OUT	L	OFF	TUN	TUN
					C+ TUNER	---	VTR OUT	VTR OUT	L	OFF	TUN	TUN
					AV1	---	VTR OUT	VTR OUT	L	OFF	AV1	AV1
					AV2	---	VTR OUT	VTR OUT	L	ON	AV2	AV2
					AV3	---	VTR OUT	VTR OUT	L	OFF	AV3	AV3
					SAT.NOR TUN	---	VTR OUT	VTR OUT	L	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	---	VTR OUT	VTR OUT	L	OFF	SAT.TUN	SAT.TUN
				H	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	AV1
					AV2	---	VTR OUT	VTR OUT	H	ON	AV2	AV2
					AV3	---	VTR OUT	VTR OUT	H	OFF	AV3	AV3
					SAT.NOR TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
		VTR	EE	L	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	AV1
					AV2	---	VTR OUT	VTR OUT	H	ON	AV2	AV2
					AV3	---	VTR OUT	VTR OUT	H	OFF	AV3	AV3
					SAT.NOR TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
				H	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	AV1
					AV2	---	VTR OUT	VTR OUT	H	ON	AV2	AV2
					AV3	---	VTR OUT	VTR OUT	H	OFF	AV3	AV3
					SAT.NOR TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
			VV	---	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	PB
					C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	PB
					AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	PB
					AV2	---	VTR OUT	VTR OUT	H	OFF	AV2	PB
					AV3	---	VTR OUT	VTR OUT	H	OFF	AV3	PB
					SAT.NOR TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	PB
					SAT.C+ TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	PB
	DECODER	TV	EE	L	NORMAL TUN	L	VTR OUT	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
					C+ TUNER	L	VTR OUT	TUN IN	L	OFF	TUN	TUN
						H	VTR OUT	TUN IN	L	OFF	AV2	AV2
					AV1	L	VTR OUT	AV1 IN	L	OFF	AV1	AV1
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2
					AV2	L	VTR OUT	AV1 IN	L	ON	AV2	AV2
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2
					AV3	L	VTR OUT	AV1 IN	L	OFF	AV3	AV3
						H	AV2 IN	AV1 IN	H	ON	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	L	OFF	SAT.TUN	SAT.TUN
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	SAT IN	L	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	SAT IN	L	OFF	AV2	AV2
				H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN
						H	VTR OUT	TUN IN	H	ON	AV2	AV2
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2

INPUT CONDITION							OUTPUT RESULT					
POWER	AV2 SELECT	TV/ VTR	EE/ VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT
P.ON	DECODER	TV	EE	H	AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	SAT IN	H	ON	AV2	AV2
		VTR	EE	L	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN
						H	VTR OUT	TUN IN	H	ON	AV2	AV2
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV 3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	SAT IN	H	ON	AV2	AV2
				H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
					C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN
						H	VTR OUT	TUN IN	H	ON	AV2	AV2
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2
					AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN
					SAT.C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN
						H	VTR OUT	SAT IN	H	ON	AV2	AV2
			VV	---	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	PB
						H	VTR OUT	AV1 IN	H	OFF	TUN	PB
					C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	PB
						H	VTR OUT	TUN IN	H	OFF	AV2	PB
					AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	PB
						H	VTR OUT	AV1 IN	H	OFF	AV2	PB
					AV2	L	VTR OUT	AV1 IN	H	OFF	AV2	PB
						H	VTR OUT	AV1 IN	H	OFF	AV2	PB
					AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	PB
						H	VTR OUT	AV1 IN	H	OFF	AV3	PB
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	PB
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	PB
					SAT.C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	PB
						H	VTR OUT	SAT IN	H	OFF	AV2	PB

SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

Ref. No.	IC1501								IC1502											
MODE	1	2	3	4					1	2	3	4								
STOP	1.1	2.3	5.1	0					0	1.1	5.1	0								
PLAY	1.1	2.3	4.9	0					0	1.1	5.0	0								
REC	1.1	2.3	4.1	0					0	1.1	5.1	0								
F.F	1.1	2.3	2.4	0					0	1.1	2.3	0								
REW	1.1	2.3	2.4	0					0	1.1	2.4	0								
Ref. No.	IC2501																			
MODE	1	2	3	4	5	6	7	8												
STOP	2.5	2.5	2.5	0	0	0	0	5.0												
PLAY	2.5	2.5	2.5	0	0	0	0	5.0												
REC	2.5	2.5	2.5	0	0	0	0	5.0												
F.F	2.5	2.5	2.5	0	0	0	0	5.1												
REW	2.5	2.5	2.5	0	0	0	0	5.1												
Ref. No.	IC2502																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
STOP	14.5	14.5	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.5				
PLAY	14.4	14.4	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.4				
REC	14.4	14.4	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.4				
F.F	14.2	14.2	14.4	1.1	5.1	1.1	1.1	0.5	2.5	1.4	0	3.9	3.8	3.8	0	14.2				
REW	14.1	14.1	14.4	1.1	5.1	1.1	1.1	0.6	2.5	1.4	0	3.9	3.8	3.8	0	14.2				
Ref. No.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.1	0	2.8	0	3.7	5.1	5.1	4.6	1.7	0	0	1.9	0	5.1	0	0	0	0	0	0
PLAY	4.4	0	2.8	0	3.7	5.1	5.1	4.5	3.5	0	4.8	1.9	0	5.1	2.4	0	4.9	2.4	2.4	0
REC	4.4	0	2.8	0	3.7	5.1	5.1	4.5	2.2	0	4.8	1.9	0	5.0	2.4	0	4.7	2.4	0	0
F.F	4.3	0	2.7	0	3.6	5.0	4.9	3.7	0.8	0	4.9	1.9	0	5.0	0	0	2.7	2.3	0	0
REW	4.3	0	2.6	0	3.6	5.0	4.9	3.8	2.7	0	5.0	1.9	0	5.0	0	0	0.0	2.3	0	0
Ref. No.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	0	1.3	0	0	0	0	0	0	0	4.8	4.8	0	0	4.7	4.7	2.2	2.2	0
PLAY	0	0	4.8	4.8	0	1.3	0	0	0	0	4.8	0	0	0	0	4.8	4.8	2.1	2.0	0
REC	4.8	0	4.8	0	0	4.7	4.8	0	0	4.8	4.8	0	0	0	0	4.8	4.8	2.0	2.0	0
F.F	0	0	0	0	0	0	0	0	0	0	4.7	4.7	0	0	0	4.7	4.7	-	-	0
REW	0	0	0	0	0	0	0	0	0	0	4.7	4.7	0	0	0	4.7	4.7	-	-	0
Ref. No.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	1.2	1.3	4.7	0	0	0	5.1	0	0	0	0	0	0	0	0	0	0	4.7	0	4.8
PLAY	0.9	1.3	4.8	0	2.4	0	5.1	0	0	0.1	0	0	0	0	0	0	0	4.8	0	4.8
REC	1.1	1.3	4.8	4.8	0.6	0	5.1	0	0	0.4	0	0	0	0	0	0	0	4.7	0	4.8
F.F	1.1	1.3	4.7	0	2.4	0	5.1	0	0	4.6	0	2.1	0	0	0	0	0	4.7	0	4.8
REW	1.1	1.3	4.7	0	2.4	0	5.1	0	0	4.6	0	2.1	0	0	0	0	0	4.7	0	4.8
Ref. No.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	0	5.1	0	5.0	5.0	5.0	4.4	4.1	4.5	3.1	3.0	0	0	5.0	0	0	2.5	5.1	5.1
PLAY	0	0	5.1	0	5.1	5.1	5.1	4.5	4.0	4.5	0	0	0	0	5.1	0	2.4	2.4	5.0	4.9
REC	0	0	5.1	0	5.1	5.1	5.1	4.5	4.0	0.4	3.2	3.1	0	0	5.1	0	2.4	2.4	5.1	4.1
F.F	0	0	5.1	0	5.0	5.0	5.0	4.5	4.1	4.4	3.1	3.0	0	0	5.0	0	4.7	2.5	2.3	2.4
REW	0	0	5.1	0	5.0	5.0	5.0	4.5	4.1	4.4	3.1	3.0	0	0	5.0	4.7	3.0	2.4	2.4	2.4
Ref. No.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	0	0	0.3	0.4	2.5	1.1	5.0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0	0
PLAY	0	0	0.3	0.4	2.5	1.1	5.0	0	2.5	2.5	0	0	0	2.4	2.5	0	2.5	5.1	5.0	0
REC	0	0	4.7	0.8	3.9	1.0	5.0	0	2.5	2.5	2.3	2.7	0	2.5	2.5	0	2.5	5.1	5.0	0
F.F	0	0	0.3	0.4	2.5	1.1	5.0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0	0
REW	0	0	0.3	0.4	2.5	1.1	5.0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0	0

SYSTEM CONTROL & SERVO TRs DC VOLTAGE CHART (SP MODE)

Ref. No.	Q1501				Q1502															
MODE	+	–			+	–														
STOP	4.5	0			4.9	0														
PLAY	4.5	0			4.9	0														
REC	4.5	0			4.9	0														
F.F	4.3	0			4.8	0														
REW	4.3	0			4.8	0														
Ref. No.	QR6002				QR6003				QR6004				QR6006				QR6007			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
STOP	-0.1	0	4.8		0	0	0		0	0	0		0	5.1	0		5.1	0	5.1	
PLAY	0	0	4.8		0	2.2	0		0	0	0		0	5.1	0		5.1	0	5.1	
REC	0	0	4.7		0	0	0		0	0	4.7		0	5.1	0		5.1	0	5.1	
F.F	0.1	0	4.7		0	0	0		0	0	0		0	5.1	0		5.1	0	5.1	
REW	0	0	4.7		0	0	0		0	0	0		0	5.1	0		5.1	0	5.1	

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

MAIN C.B.A.

Transistor	
Q1001	A-1
Q1002	A-1
Q1003	E-1
Q1004	B-1
Q1005	B-5
Q1006	D-1
Q1007	D-2
Q1009	B-1
Q1010	C-6
Q1201	F-4
Q1202	F-4
Q1203	E-4
Q1501	C-1
Q1502	C-7
Q3003	F-4
Q4001	E-3
Q4002	E-3
Q4004	D-5
Q4005	D-5
Q4006	D-3
Q4007	E-4
Q4501	E-5
Q4901	E-7
Q4903	E-7
Q4904	E-8
Q4905	F-6
Q7501	A-6
Q7502	A-6
Q7601	B-8
Q7604	A-8
Q7605	A-8
Q7606	A-8
Q7801	C-6

Transistor & Resistor	
QR1001	B-1
QR1002	B-1
QR1003	B-1
QR1005	D-1
QR3006	F-4
QR3007	F-4
QR3008	F-3
QR4001	D-3
QR4002	D-3
QR4003	C-5
QR4004	D-3
QR4006	E-3
QR4007	F-4
QR4008	E-3
QR4009	D-3
QR4010	D-3
QR4502	E-6
QR4503	F-5
QR4504	F-5
QR4505	F-5
QR4506	D-5
QR4507	C-7
QR4508	D-8
QR4509	D-7
QR4903	F-7
QR6002	C-1
QR6003	B-3
QR6004	C-3
QR6006	B-3
QR6007	B-3

Integrated Circuit	
IC1001	B-1
IC1201	F-4
IC1501	B-3
IC1502	B-5
IC2501	D-2
IC2502	E-1
IC3001	F-2
IC3501	E-4
IC4001	B-8
IC4501	E-5
IC4901	E-7
IC6001	C-3
IC7501	A-4
IC7502	A-5
IC7503	A-3
IC7504	A-5
IC7801	B-8

Test Point	
TL1	D-1
TL2502	C-4
TL2503	C-1
TL6010	B-2
TL6012	B-4
TL6013	C-3
TW2001	D-1
TW2002	D-1
TW2015	D-1
TW3001	F-4
TW3002	E-7
TW3003	E-7
TW3030	F-4
TW4501	F-5
TW4502	E-6
TW4901	F-6
TW4902	F-6
TW4903	F-5
TW4906	E-7
TW4907	E-6
TW6002	D-1

Connector	
P1001	B-1
P1501	E-3
P2501	D-2
P2502	E-1
P3502	E-5
P4002	D-6
P4003	F-4
P6001	E-2
P7502	C-8
P7503	A-2
DU7601	D-8
PK7301	B-8
PK7302	A-8
PP7701	D-7
PP7702	C-7
PP7703	B-7
TU7601	E-8

ADDRESS INFORMATION

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

IC4501

AV3 (FRONT)
AUDIO IN(R)
AUDIO IN(L)
P6501 6 / P7502 3
P6501 8 / P7502 1

AV1 (TV)
AUDIO OUT(R)
AUDIO IN(R)
AUDIO OUT(L)
AUDIO IN(L)

AUDIO OUT(R)
AUDIO OUT(L)

AV2 (DECODER/EXT)
AUDIO OUT(R)
AUDIO IN(R)
AUDIO OUT(L)
AUDIO IN(L)

TW4902
TW4903
TW4907
TW4901

QR4503 MUTE
QR4502 MUTE
QR4505 MUTE
QR4504 MUTE
MUTE

LINE SELECT
DECODER SELECT
OUTPUT SELECT
INPUT SELECT
NORMAL SELECT

SELECT SW CONTROL
MUTE CONTROL
VOLUME CONTROL
IIC BUS INTERFACE
SYS IIC DATA
SYS IIC CLOCK
TO/FROM SYSTEM CONTROL

REC LEVEL CONTROL

RCH REC/PB PROCESS
LCH REC/PB PROCESS
D.O.C
AUDIO H.SW
FROM SYSTEM CONTROL

QR4506
FM REC MUTE
REG 5V

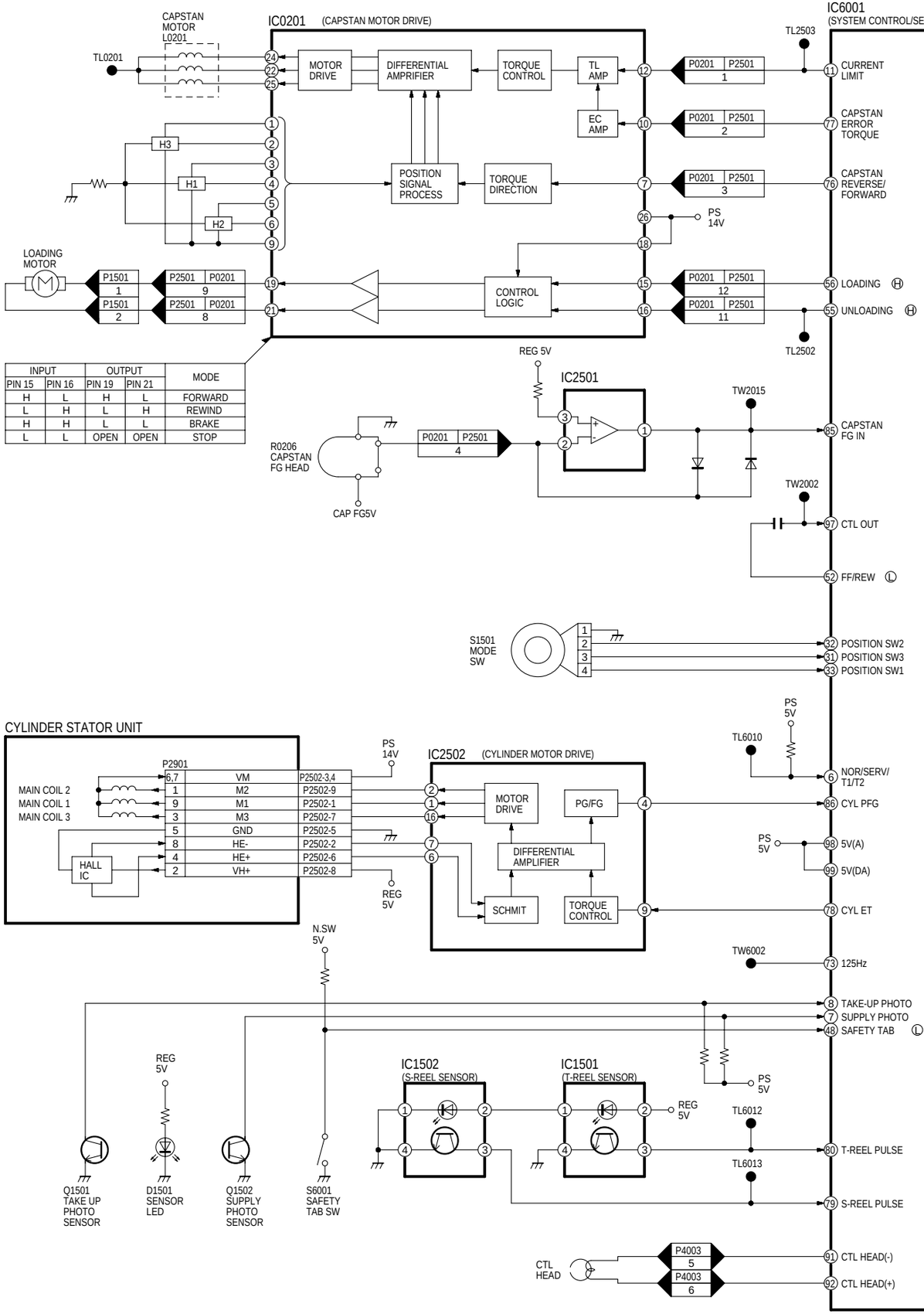
MIX AMP

TO TUNER
RFC AUDIO OUT

IC4001
FROM DECODER
TUNER AUDIO(R)
TUNER AUDIO(L)
Q7604 MUTE
Q7606 MUTE
AMP

MODULATOR/ DEMODULATOR
B.P.F
AGC
PREAMP & SW
P3502 8
P3502 9
P3502 10
Hi-Fi AUDIO HEAD

IC3001
FROM DECODER/ TV DEMODU
TUNER AUDIO(N)
Q7601 MUTE
SW GAIN
ALC
QR4001 MUTE
A.HEAD(W)
A.HEAD(R)
TO/FROM AC HEAD


CAPSTAN MOTOR L0201
TL0201
IC0201 (CAPSTAN MOTOR DRIVE)
MOTOR DRIVE
DIFFERENTIAL AMPRIFIER
TORQUE CONTROL
TL AMP
EC AMP
POSITION SIGNAL PROCESS
TORQUE DIRECTION
CONTROL LOGIC
H1
H2
H3
LOADING MOTOR
P1501 1
P1501 2
P2501 P0201 9
P2501 P0201 8
P0201 P2501 1
P0201 P2501 2
P0201 P2501 3
P0201 P2501 12
P0201 P2501 11
PS 14V
TL2503
TL2502
CURRENT LIMIT
CAPSTAN ERROR TORQUE
CAPSTAN REVERSE/ FORWARD
LOADING (H)
UNLOADING (H)
INPUT PIN 15 PIN 16 | OUTPUT PIN 19 PIN 21 | MODE
H L H L FORWARD
L H L H REWIND
H H L L BRAKE
L L OPEN OPEN STOP
REG 5V
IC2501
TW2015
R0206 CAPSTAN FG HEAD
CAP FG5V
P0201 P2501 4
CAPSTAN FG IN
TW2002
CTL OUT
FF/REW (L)
S1501 MODE SW
POSITION SW2
POSITION SW3
POSITION SW1
CYLINDER STATOR UNIT
P2901
MAIN COIL 2
MAIN COIL 1
MAIN COIL 3
HALL IC
6,7 VM P2502-3,4
1 M2 P2502-9
9 M1 P2502-1
3 M3 P2502-7
5 GND P2502-5
8 HE- P2502-2
4 HE+ P2502-6
2 VH+ P2502-8
PS 14V
REG 5V
IC2502 (CYLINDER MOTOR DRIVE)
MOTOR DRIVE
PG/FG
DIFFERENTIAL AMPLIFIER
SCHMIT
TORQUE CONTROL
TL6010
PS 5V
NOR/SERV/ T1/T2
CYL PFG
5V(A)
5V(DA)
CYL ET
TW6002
125Hz
N.SW 5V
TAKE-UP PHOTO
SUPPLY PHOTO
SAFETY TAB (L)
REG 5V
IC1502 (S-REEL SENSOR)
IC1501 (T-REEL SENSOR)
TL6012
TL6013
T-REEL PULSE
S-REEL PULSE
Q1501 TAKE UP PHOTO SENSOR
D1501 SENSOR LED
Q1502 SUPPLY PHOTO SENSOR
S6001 SAFETY TAB SW
CTL HEAD
P4003 5
P4003 6
CTL HEAD(-)
CTL HEAD(+)
IC6001 (SYSTEM CONTROL/SERVO IC)
POWER S7510
POWER ON (L)
16MHz IN
16MHz OUT
32KHz IN
32KHz OUT
X6001
X6002
P.FAIL (L)
T.CLK
T.LSN
T.TLK
FIP/OSD CS
FIP (L)
RESET (L)
BACK UP 5V
IR
AUDIO H.SW
CAL (H)
SLEEP (L)
FM MUTE (H)
5P DATA OUT
5P DATA IN
5P CLOCK
EDIT TRIG (L)
PRE ROLL (H)
PP7703 5
PP7703 2
PP7703 6
PP7703 4
PP7703 7
TO/FROM OSD PACK
SYS BUS CLK
SYS BUS LSN
SYS BUS TLK
FIP CS (L)
TO/FROM TIMER
QR6003
TO AUDIO
TO POWER SUPPLY
TO POWER SUPPLY & INPUT/OUTPUT
UNREG 5.6V
QR6002
QR6007
QR6006
MUTE (H)
(762)
P6001 P6401 5 3
P6001 P6401 4 4
P6001 P6401 3 5
P6001 P6401 2 6
TO/FROM REAR EDIT

DP7501

TIMER DISPLAY

1 2 44 45 39 33 23 5

IC7501

43 SEG 0
26 SEG 17
19 P1
25 P7

FROM POWER

P1103 P1001 10
P1103 P1001 8
P1103 P1001 6

Q1002

Q1001

16 VEE
17 VEE

QR1001

FIP Ⓛ

BACK UP 5V

C7514

2 X OUT
4 X IN

TO/FROM SYSTEM CONTROL

RESET Ⓛ

IC7505
1 RESET 2

N.SW 5V

IR

IC7504
1 IR RECEIVER 3

N.SW 5V

IC7502
1 RESET 2

N.SW 5V

P.FAIL Ⓛ

FIP/OSD CS Ⓛ

SYS BUS TLK

SYS BUS LSN

SYS BUS CLK

5 P.FAIL Ⓛ
12 CS Ⓛ
13 SERIAL DATA IN
14 SERIAL DATA OUT
15 SERIAL CLOCK

TO/FROM SYSTEM CONTROL

AN4 7
AN3 8
AN2 9

(762)

D.TV REC S7509
EJECT S7516
A.DUB S7517
INSERT S7518

(617/712)

CH UP S7506
PAUSE S7507
PLAY S7511
REW S7512

P1001 P1103 1

CH DOWN S7504
REC S7503
T.REC S7513
FF S7514

P1001 P1103 3

STOP S7515

P1001 P1103 5
P1001 P1103 2
P1001 P1103 4

(762)

CH UP S6306
T.REC S6304
PLAY S6301
STOP S6302

P7503 P6301 5

CH DOWN S6307
REC S6305
PAUSE S6303

P7503 P6301 1

(762)

TO OSD PACK

PP7702 7 SHUTTLE 1
PP7702 6 SHUTTLE 2
PP7702 5 SHUTTLE 3
PP7702 4 SHUTTLE 4
PP7702 3 JOG 1
PP7702 2 JOG 2

P7503 P6301 12
P7503 P6301 11
P7503 P6301 10
P7503 P6301 9
P7503 P6301 2
P7503 P6301 4

N.SW 5V

J6301

1 2 3 4 5 6 7

JOG/SHUTTLE ENCODER

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

TO/FROM OSD PACK

PP7701 9 — Y/C VIDEO IN

PP7701 11 — VIDEO IN

PP7701 7 — Y/C VIDEO OUT

PP7701 5 — VIDEO OUT

IC4901

TO TUNER — RFC VIDEO OUT — Q4901 AMP — 20 CLAMP

FROM TV DEMODULATOR — TUNER VIDEO — 7 CLAMP

(712/762) — 17

(712/762)

TO SYSTEM CONTROL — C SYNC

AV1 (TV)

8 PB +12V — 33 AV1 PB Ⓗ

7 BLUE

11 GREEN

15 RED

16 BLANKING

19 VIDEO OUT

20 VIDEO IN — 36 CLAMP

(617) — 18

FROM OSD PACK — PK7701 8 — AV2 PB Ⓗ — 34

AV2 (DECODER/EXT)

8 PB +12V

7 BLUE

11 GREEN

15 RED — 26

16 BLANKING

19 VIDEO OUT

20 VIDEO IN — 28 CLAMP

PS 14V — Q4905

FROM SYSTEM CONTROL — ART V/H/N

VIDEO IN — FRONT VIDEO — P6501 4 | P7502 5 — 11 CLAMP

QR4903 — 16 RGB OFF Ⓗ

TO/FROM OSD PACK

PP7703 13 — OSD IIC DATA — 2

PP7703 14 — OSD IIC CLOCK — 3

IIC BUS INTERFACE

TO/FROM SYSTEM CONTROL

SYS IIC CLOCK

SYS IIC DATA

IC3001

YNR
HSS
1H DELAY
LPF
DDC
NC1
PICT
NC2
DET
NOR
CLP1
EE/ FAMI
VV
EE
NLE NLDE
DTE
MAIN LPF
ENV DET
SUB LPF
FM DEM
DOUB LIM
PEAKING
H-TRAP
Y/C
AGC
C
Y
Y/C MIX
AMP
ART SYNC
SUB CLAMP
VV/FAMI
MAIN EMPH
W/D CLIP
DEV ADJ
FM MOD
AGC DET
RF AGC
L-TRAP &HPF
REC-Y ADJ
LPF
COLOUR KILLER SW
FAMI
FAMI/VV
BURST UP/DOWN
630KHz BPF
CACC
REC-C ADJ
BPF (FAMI)3.58M (PAL-PB)2.2M (NTSC-PB) 1.79M
BPF 3.58M/ 4.43M
VV/ FAMI
BM-B (PB)2.2/1.79M → 4.43/3.58M (FAMI)2.2M → 4.43M
NTSC ALTERNATION
LPF
2HDL 1HDL
0HDL
0HDL
BM-A (REC)4.43/3.58M (PB)630K → 2.2/1.79M (FAMI)3.58M → 2.2M
ACC
ACC DET
IIC BUS TRANSCEIVER
FAMI/ VV SP
VV LP
APC CK DET
PHASE ROTATION
2fsc
X2
fsc
VXO
VCO
1/2
1/4
1/4
SUB BM
F.DET
1/40
AFC
SIDE LOCK
FH
PB Q ADJ
X3001

FAMI MODE:When setting the NTSC CONVERTER to ON on the OSD Screen Display, the signals from NTSC Signal Source (ex.NTSC GAME Machine)connected to the VCR can be appeared on the PAL TV.However when recording, it is not recorded correctly.

QR3006
QR3007
QR3008
V.SYNC Ⓛ
LP Ⓗ
YMO Ⓗ

Q3003
AMP
TW3030
TW3001

IC3501
AMP & H.AMP SW
PREAMP & H.SW
H.AMP SW
PREAMP & H.SW

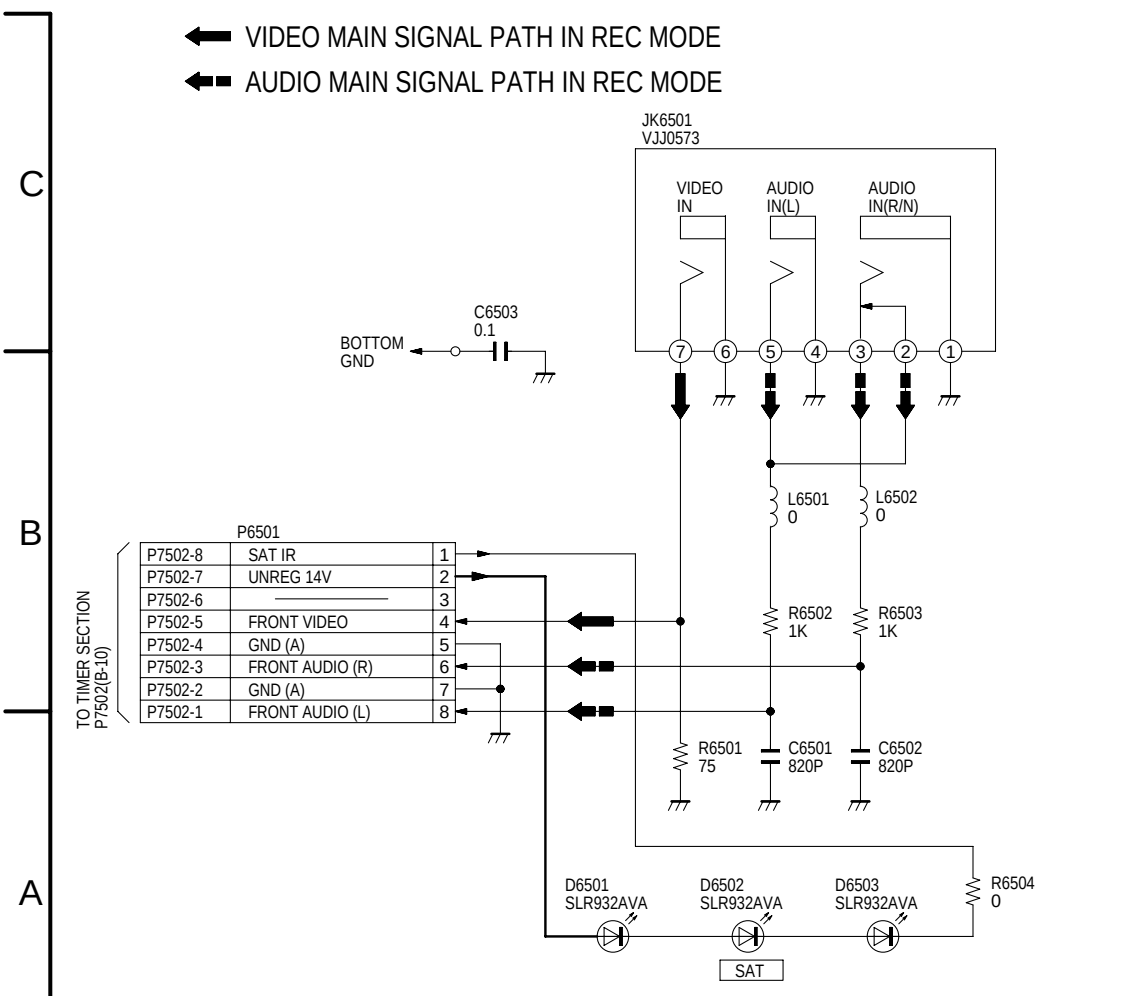
LP L
LP COM
LP R
P3502 3
P3502 2
P3502 1
TO/FROM CYLINDER VIDEO HEAD

SP L
SP COM
SP R
P3502 6
P3502 5
P3502 4
TO/FROM CYLINDER VIDEO HEAD

HEAD SW
H.AMP SW
D.REC Ⓗ
LP Ⓗ
TRACKING ENV.
ENV. SELECT
TO/FROM SYSTEM CONTROL

FSC
PP7701 3
TO OSD PACK

ROTARY SW
F.ADJ.
FROM SYSTEM CONTROL



NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.